

Dichiarazione di conformità CE

Nome/indirizzo del dichiarante: Memmert GmbH + Co. KG
Äussere Rittersbacherstraße 38
D-91128 Schwabach
Deutschland

Rappresentante autorizzato per la compilazione di documenti tecnici: Memmert GmbH + Co.KG
Technische Dokumentation (DK)
Willi-Memmert-Str. 90-96
D-91186 Büchenbach
Deutschland

Denominazione del prodotto. Mod.: Forno universale
IN.../30/55/75/110/160/260/450/750
IF.../30/55/75/110/160/260/450/750
IN...plus/30/55/75/110/160/260/450/750
IF...plus/30/55/75/110/160/260/450/750

Tensione nominale: Compresi tutti gli accessori
AC 230 V 50/60 Hz, alternativa AC 115 V 50/60 Hz

Il suddetto prodotto è conforme alle disposizioni della direttiva bassa tensione

2014/35/UE
e successive modifiche

Direttiva del Consiglio concernente il ravvicinamento delle legislazioni degli Stati membri relative al materiale elettrico destinato ad essere utilizzato entro determinati limiti di tensione

La conformità del suddetto prodotto ai requisiti di sicurezza fondamentali della Direttiva è comprovata dal rispetto assoluto delle seguenti normative:

DIN EN 61 010-1:2011-07

EN 61 010-1:2010

DIN EN 61 010-2-010:2015-05

EN 61 010-2-010:2014

Il suddetto prodotto è conforme alle disposizioni della direttiva EMC

2014/30/UE
e successive modifiche

Direttiva del Consiglio concernente il ravvicinamento delle legislazioni degli Stati membri relative alla compatibilità elettromagnetica

La conformità del suddetto prodotto ai requisiti di sicurezza fondamentali della Direttiva è comprovata dal rispetto assoluto delle seguenti normative:

DIN EN 61326-1:2013-07

EN 61326-1:2013

L'oggetto della dichiarazione sopra menzionato soddisfa i requisiti previsti dalla direttiva 2011/65/CE del Parlamento europeo e del Consiglio dell'8 giugno 2011 sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche.

Schwabach, 15.11.2018



(firma del legale rappresentante dell'azienda produttrice)

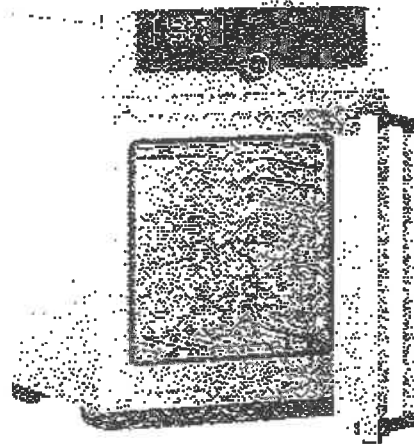
Con la presente si dichiara che il prodotto è conforme alle direttive citate, ma non si garantiscono le caratteristiche. È indispensabile attenersi alle istruzioni di sicurezza escluse alla documentazione fornita con il prodotto.



Product specification

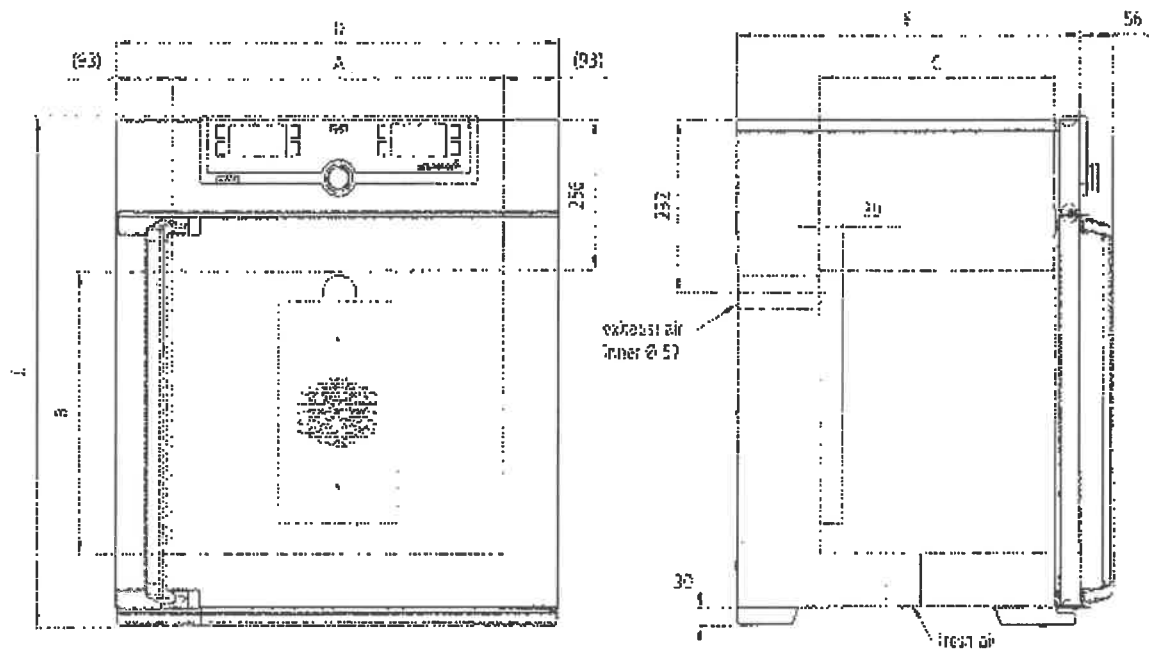
Universal Oven UF55

Precise drying, heating, ageing, burn-in and hardening in research, science, industry and quality assurance.



The universally applicable lab oven U is Memmert's classic appliance for temperature control in science, research and material tests in industry. The technologically perfected masterpiece made of high-quality, hygienic, easy-to-clean stainless steel leaves nothing to be desired in terms of ventilation and control technology, overtemperature protection and precisely tuned heating technology.

On this page, you can find all the essential technical data on the universal Memmert lab oven. Our customer relations team will be pleased to help if you want further information. If you should require a customised special solution, please contact our technical specialists at myAtmoSAFE@memmert.com.



Standard units are safety-approved and bear the test marks



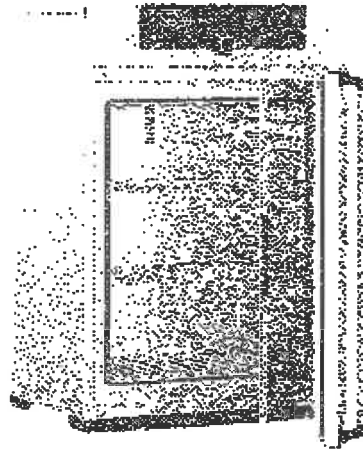


Product specification

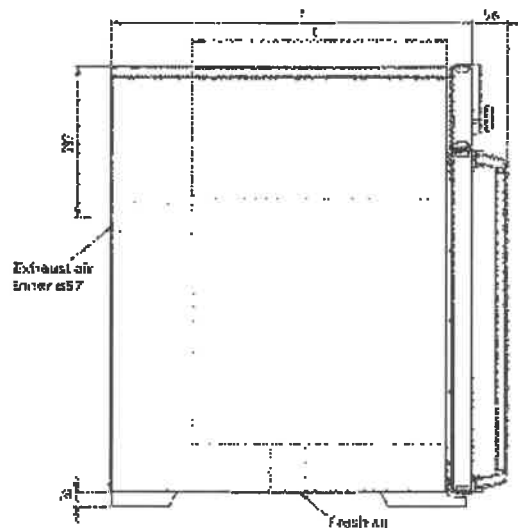
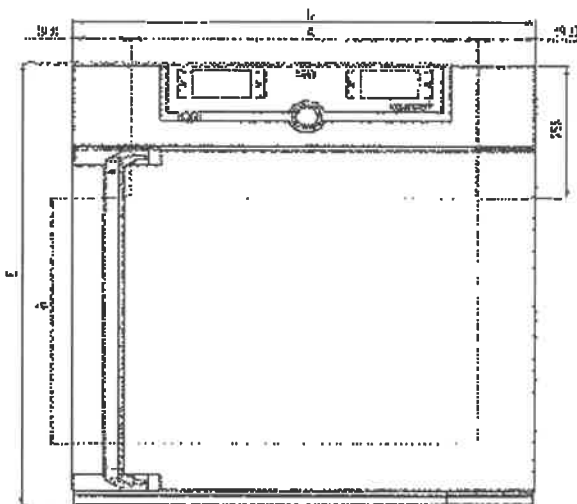
Incubator

IN160

The incubator I is at home everywhere in the world of research, medicine, pharmaceuticals and food analytics, as well as food chemistry.



The heating of this incubator is optimally tuned for natural convection and valuable chamber loads for research, pharmaceuticals, medicine and food chemistry are warmed up very carefully. On this page, you can find all the essential technical data on our incubator. Our customer relations team will be pleased to help if you want further information. If you should require a customised special solution, please contact our technical specialists at myAtmoSAFE@memmert.com.



Intended use

UN_{implus}
UF_{implus}
IF_{implus}
IF_{implus}
UF_{implus}
IF_{implus}
IF_{implus}

This appliance is intended exclusively for heating up non-explosive substances and objects. Any other use is improper and may result in hazards and damage.

The appliance is not explosion-proof (does not comply with the German occupational health and safety regulation VBG 24). The appliance may only be loaded with materials and substances which cannot release any toxic or explosive vapours at the set temperature and which cannot explode, burst or ignite.

The appliance may not be used for the drying, evaporation and burning-in of paints or similar materials, the solvents of which could form an explosive mixture when combined with air. If there is any doubt as to the composition of materials, they must not be loaded into the appliance. Potentially explosive gas-air mixtures must not form, neither in the working chamber nor in the direct vicinity of the appliance.

UN_{implus}
UF_{implus}
UK_{implus}
IN_{implus}

The appliance is used to heat tango, silicone and APS packs for physical therapy and to keep them warm.

IN_{implus}

The appliance may be used for temperature control of rinsing and infusion solutions and contrast agents.

IF_{implus}

The appliance may be used for heating non-sterile covers and cloths, as well as for temperature control of rinsing and infusion solutions and contrast agents.

UF_{implus}
IF_{implus}

The appliance is used to heat non-sterile cloths and covers.

Technical data

Appliance width D [mm]	Appliance height E [mm]	Appliance depth G (footprint) [mm]	Depth of door lock [mm]	Appliance depth F (including door handle) [mm]	Chamber width A [mm]	Chamber height B [mm]	Chamber depth C [mm]	Chamber volume [litres]	Weight [kg]	115 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	115 V 50/60 Hz	230 V 50/60 Hz	115 V 50/60 Hz	230 V 50/60 Hz	3 x 230 V 50/60 Hz	max. number of sliding grids	max. load per sliding grid [kg]	max. load per appliance [kg]	Setting temperature range	Adjustment precision
585	707	434	490	490	400	400	320	320	48	806	1800	1800	1500	1800	1800	1800	1800	3 x 230 V 50/60 Hz	3 x 15.1	3 x 15.1	300	0.1 K
585	707	514	570	570	400	400	400	330	57	806	1700	1700	1500	1700	1700	1700	1700	3 x 230 V 50/60 Hz	3 x 15.1	3 x 15.1	300	0.1 K
585	707	514	570	570	400	400	400	330	57	806	1700	1700	1500	1700	1700	1700	1700	3 x 230 V 50/60 Hz	3 x 15.1	3 x 15.1	300	0.1 K
585	707	514	570	570	400	400	400	330	57	806	1700	1700	1500	1700	1700	1700	1700	3 x 230 V 50/60 Hz	3 x 15.1	3 x 15.1	300	0.1 K
585	707	514	570	570	400	400	400	330	57	806	1700	1700	1500	1700	1700	1700	1700	3 x 230 V 50/60 Hz	3 x 15.1	3 x 15.1	300	0.1 K
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585	707	514	570	570	400	400	400	330	57	806	1700	1700	1500	1700	1700	1700	1700	3				

Temperature

Set temperature range in °C	min. 5°C above ambient up to +80°C
Setting accuracy temperature	0.1 °C
Temperature	1 Pt100 sensor DIN class A in 4-wire-circuit

Control technology

Language setting	German, English, Spanish, French, Polish, Czech, Hungarian
ControlCOCKPIT	SingleDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-colour display
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
Function SetpointWAIT	the process time does not start until the set temperature is reached
Calibration	three freely selectable temperature values
adjustable parameters	temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, summertime/winter time

Ventilation

Convection	natural convection
Fresh air admixture	adjustment of pre-heated fresh air admixture by air flap control in 10 % steps
Vent	vent connection with restrictor flap

Communication

Documentation	programme stored in case of power failure
Programming	AtmoCONTROL software for reading out, managing and organising the data logger via Ethernet interface (temporary trial version can be downloaded). USB stick with AtmoCONTROL software available as accessory (on demand).

Safety

Temperature control	adjustable electronic overtemperature monitor and mechanical temperature limiter T ₀ , protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature
Autodiagnostic system	for fault analysis

Standard equipment

Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Internals	2 stainless steel grid(s), electropolished
Works calibration certificate	incl. works calibration certificate for +37°C
Door	Inner glass door

Stainless steel interior

Dimensions	$w_{int} \times h_{int} \times d_{int}$: 400 x 400 x 330 mm (d less 38 mm for fan)
Interior	easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	53 l
Max. number of Internals	4
Max. loading of chamber	80 kg
Max. loading per internal	20 kg

Textured stainless steel casing

Dimensions	$w_{ext} \times h_{ext} \times d_{ext}$: 585 x 784 x 614 mm (d ~58mm door handle)
Housing	rear zinc-plated steel

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 2000 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 1700 W

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 730 x 950 x 670 mm
Net weight	approx. 57 kg
Gross weight carton	approx. 76 kg

Temperature

Set temperature range in °C min. 10 above ambient up to +300

Temperature 1 Pt100 sensor DIN class A in 4-wire-circuit

Control technology

Language setting German, English, Spanish, French, Polish, Czech, Hungarian

Control/COCKPIT SingleDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-colour display

Timer Digital backwards counter with target time setting, adjustable from 1 minute to 99 days

Function: Setpoint/WAIT the process time does not start until the set temperature is reached

Calibration three freely selectable temperature values

adjustable parameters temperature (Celsius or Fahrenheit), fan speed, air flap position, programme time, time zones, summertime/wintertime

Ventilation

Fan forced air circulation by quiet air turbine, adjustable in 10 % steps

Fresh air admixture adjustment of pre-heated fresh air admixture by air flap control in 10 % steps

Vent vent connection with restrictor flap

Communication

Documentation programme stored in case of power failure

Programming AtmoCONTROL software for reading out, managing and organising the data logger via Ethernet interface (temporary trial version can be downloaded). USB stick with AtmoCONTROL software available as accessory (on demand).

Safety

Temperature control adjustable electronic overtemperature monitor and mechanical temperature limiter TB, protection class 1 according to DIN 12680 to switch off the heating approx. 20°C above nominal temperature

Autodiagnostic system for fault analysis

Standard equipment

Door fully insulated stainless steel door with 2-point locking (compression door lock)

Internals 1 stainless steel grid(s), electropolished

Works calibration certificate Calibration at +160°C

Dichiarazione di conformità CE

Nome/indirizzo del dichiarante:	Memmert GmbH + Co. KG Äußere Rittersbacherstraße 38 D-91126 Schwabach Deutschland
Rappresentante autorizzato per la compilazione di documenti tecnici:	Memmert GmbH + Co. KG Technische Dokumentation (DK) Willi-Memmert-Str. 90-96 D-91186 Büchenbach Deutschland
Denominazione del prodotto: Mod.:	Forno universale UN.../30/55/75/110/160/260/450/750 UF.../30/55/75/110/160/260/450/750/1060 UN...plus/30/55/75/110/160/260/450/750 UF...plus/30/55/75/110/160/260/450/750/1060 Compresi tutti gli accessori
Tensione nominale:	AC 230 V o 3 - AC 400 V 50 / 60 Hz, alternativa AC 115 V 50/60 Hz

Il suddetto prodotto è conforme alle disposizioni della direttiva bassa tensione

2014/35/UE e successive modifiche

Direttiva del Consiglio concernente il ravvicinamento della legislazioni degli Stati membri relative al materiale elettrico destinato ad essere utilizzato entro determinati limiti di tensione

La conformità del suddetto prodotto ai requisiti di sicurezza fondamentali della Direttiva è comprovata dal rispetto assoluto delle seguenti normative:

DIN EN 61 010-1:2011-07

EN 61 010-1:2010

DIN EN 61 010-2-010:2015-06

EN 61 010-2-010:2014

Il suddetto prodotto è conforme alle disposizioni della direttiva EMC

2014/30/UE e successive modifiche

Direttiva del Consiglio concernente il ravvicinamento delle legislazioni degli Stati membri relative alla compatibilità elettromagnetica

La conformità del suddetto prodotto ai requisiti di sicurezza fondamentali della Direttiva è comprovata dal rispetto assoluto delle seguenti normative:

DIN EN 61326-1:2013-07

EN 61326-1:2013

L'oggetto della dichiarazione sopra menzionato soddisfa i requisiti previsti dalla direttiva 2011/65/CE del Parlamento europeo e del Consiglio dell'8 giugno 2011 sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche.

Schwabach, 15.11.2018



(firma del legale rappresentante dell'azienda produttrice)

Con la presente si dichiara che il prodotto è conforme alle direttive citate, ma non si garantiscono le caratteristiche. È indispensabile attenersi alle istruzioni di sicurezza accluse alla documentazione fornita con il prodotto.

8. Warranty

- 8.1. The Manufacturer guarantees the compliance of unit with the requirements of Specifications, provided the Customer follows the operation, storage and transportation instructions.
- 8.2. The warranted service life of unit from date of delivery to the Customer is 24 months. For extended warranty, see 8.5.
- 8.3. Warranty covers only the units transported in the original package.
- 8.4. If any manufacturing defects are discovered by the Customer, an unsatisfactory equipment claim shall be compiled, certified and sent to the local distributor address. To obtain the claim form, visit section **Technical support** on our website at link below.
- 8.5. Extended warranty. For **Microspin 12**, a **Basic Plus** class model, extended warranty is a paid service. Contact your local Biosan representative or our service department through the **Technical support** section on our website at the link.
- 8.6. Description of the classes of our products is available in the **Product class description** section on our website at the link below.

Technical support



Product class description



biosan.lv/en/support

biosan.lv/classes-en

- 8.7. The following information will be required in the event that warranty or post-warranty service comes necessary. Complete the table below and retain for your records.

Model	Microspin 12, High-speed Mini-centrifuge
Serial number	
Date of sale	

9. EU Declaration of Conformity

EU Declaration of Conformity

Unit type: Mini-centrifuges, laboratory centrifuges

Models: Microspin 12, LMC-3000, LMC-4200R

Serial number: 14 digit sīkās XXXXYYVWZZZZ, where XXXXXX is model code, YY and MM - year and month of production, ZZZZ - unit number.

Manufacturer: SIA BIOSAN
Lielvā. LV-10087, Rīga, Ratsupītes str. 7/2

Applicable Directives: EMC Directive 2014/53/EU
LVD Directive 2014/35/EU
RoHS2 2011/65/EU
WEEE 2012/19/EU

Applicable Standards: LVS EN 61326-1:2012
Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements.
LVS EN 61010-1:2011
Safety requirements for electrical equipment for measurement, control, and laboratory use. General requirements.

LVS EN 61010-2-020:2006
Particular requirements for laboratory centrifuges

We declare that this product conforms to the requirements of the above Directives

Svetlana Bankovska
 Managing director
 19.07.2016

Aleksandrs Ševčuks
 Eng. head of R&D
 19.07.2016



www.radwag.com

EU DECLARATION OF CONFORMITY (No. 16/1/18/EN)

Instrument model: MA xx.R; MA xx.X2; MA xx.X2.A
Manufacturer: RADWAG WAGI ELEKTRONICZNE
Witold Lewandowski
Address: POLAND, 26-600 Radom, 5 Toruńska Street

This declaration of conformity is issued under the sole responsibility of the manufacturer

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive	Harmonised Standards
2014/30/EU	EN 61326-1:2013
2014/35/EU	EN 61010-1:2010
	EN 61010-2-010:2014

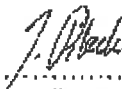
Signed for and on behalf of:
The Managing Director of RADWAG WAGI ELEKTRONICZNE – *Dr. Witold Lewandowski*

Radom 08.02.2018

Place and date of issue

Jacek Pilecki, Manager of Quality Control Department

Name, Position


Signature



www.radwag.com

EU DECLARATION OF CONFORMITY (No. 55/2/18/EN)

Non-automatic weighing instrument
Instrument model: PS xxx.R2 ; PS xxx.R2.M ; MS xxx.R2
Manufacturer: RADWAG WAGI ELEKTRONICZNE
Witold Lewandowski
Address: POLAND, 26-600 Radom, 5 Tortuńska Street

This declaration of conformity is issued under the sole responsibility of the manufacturer

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive	Harmonised Standards
2014/30/EU	EN 61326-1:2013
2014/35/EU	EN 61010-1:2010

Balance with CE mark featuring supplementary metrological marking (capital letter M and two last digits of the year when metrological marking was applied) and Notified Body no. additionally adhere to:

2014/31/EU	EN 45501:2015
------------	---------------

Notified Body no. 1383, Czech Metrology Institute, performed EU-type examination and issued the certificate:
EU-type examination certificate no. TCM 128/13-5096

Additional information:

The manufacturer's Quality System according with module D is under the supervision of Notified Body no. 1383, Czech Metrology Institute

Signed for and on behalf of:

The Managing Director of RADWAG WAGI ELEKTRONICZNE – *Dr. Witold Lewandowski*

Radom 01.08.2018

Place and date of issue

Jacek Pilecki, Manager of Quality Control Department

Name, Position

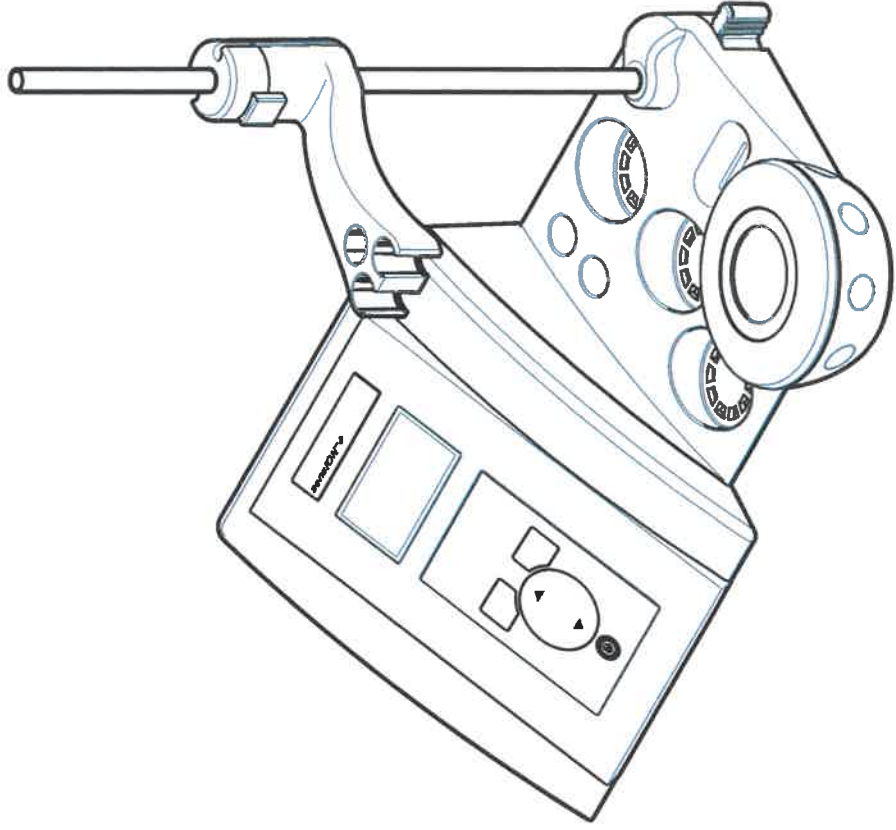
J. Pilecki
Signature



DOC022.98.90248

sension™ + pH3

12/2015, Edition 4



User Manual
Bedienungsanleitung
Manuale dell'utente
Manuel d'utilisation
Manual del usuario
Manual do utilizador
Užívateľská príručka
Brugsanvisning
Gebruikershandleiding
Instrukcja obsługi
Bruksanvisning
Käyttäjän käsikirja
Руководство на потребителя
Használati útmutató
Manual de utilizare
Naudotojo vadovas
Руководство пользователя
Kullanım Kılavuzu
Návod na obsluhu
Navodila za uporabo
Korisnički priručnik
ΕΥΧΕΙΡΙΔΙΟ ΧΡΗΣΗΣ
Kasutusjuhend

Dati tecnici

I dati tecnici sono soggetti a modifica senza preavviso.

Specifiche	Dettagli
Dimensioni	35 x 20 x 11 cm (13,78 x 7,87 x 4,33 pollici)
Peso	1100 g (2,43 lb)
Dispositivo di misurazione	IP42
Requisiti di alimentazione (esterna)	100-240 V, 0,4 A, 47-63 Hz
Classe di protezione dello strumento	Classe II
Temperatura di stoccaggio	Da -15 a +65° C (da 5 a +149° F)
Temperatura operativa	da 0 a 40° C (da 41 a 104° F)
Umidità d'esercizio	< 80% (senza condensa)
Risoluzione	pH: 0.01, ORP: 1 mV, temperatura: 0,1° C (0,18° F)
Errore misure (± 1 cifra)	pH: ≤ 0.01, ORP: ≤ 1 mV, temperatura: ≤ 0,2° C (≤ 0,36° F)
Riproducibilità (± 1 cifra)	pH: ± 0.01, ORP: ± 1 mV, temperatura: ± 0,1° C (± 0,18° F)
Collegamenti	Sonda indicatore o combinata: connettore BNC (Imp. >10 ¹² Ω); elettrodo di riferimento: connettore a banana; tipo A.T.C. Pt 1000; connettore a banana o telefonico; miscelatore magnetico: connettore RCA
Correzione della temperatura	Manuale, sonda temperatura Pt 1000 (A.T.C.), sonda NTC 10 kΩ
Blocco di visualizzazione delle misurazioni	Misurazione continua, per stabilità
Display	A cristalli liquidi, retroilluminato, 128 x 64 punti

Specifiche	Dettagli
Tastiera	PET con trattamento protettivo
Certificazioni	CE

Informazioni generali

Le edizioni riviste sono presenti nel sito Web del produttore.

Informazioni sulla sicurezza

AVVISO

Il produttore non sarà da ritenersi responsabile in caso di danni causati dall'applicazione errata o dall'uso errato di questo prodotto inclusi, a puro titolo esemplificativo e non limitativo, i danni incidentali e consequenziali; inoltre declina qualsiasi responsabilità per tali danni entro i limiti previsti dalle leggi vigenti. La responsabilità relativa all'identificazione dei rischi critici dell'applicazione e all'installazione di meccanismi appropriati per proteggere le attività in caso di eventuale malfunzionamento dell'apparecchiatura compete unicamente all'utilizzatore.

Prima di disimballare, installare o utilizzare l'apparecchio, si prega di leggere l'intero manuale. Si raccomanda di leggere con attenzione e rispettare le istruzioni riguardanti note di pericolosità. La non osservanza di tali indicazioni potrebbe comportare lesioni gravi all'operatore o danni all'apparecchio.

Assicurarsi che i dispositivi di sicurezza insiti nell'apparecchio siano efficaci all'atto della messa in servizio e durante l'utilizzo dello stesso. Non utilizzare o installare questa apparecchiatura in modo diverso da quanto specificato nel presente manuale.

Indicazioni e significato dei segnali di pericolo

▲ PERICOLO

Indica una situazione di pericolo potenziale o imminente che, se non evitata, potrebbe causare lesioni gravi o la morte.



www.radwag.com

EU DECLARATION OF CONFORMITY (No. 67/2/16/BN)

1	Non-automatic weighing instrument Instrument model: AS xxx.X2	
2	Manufacturer: RADWAG WAGI ELEKTRONICZNE Witold Lewandowski Address: POLAND, 26-600 Radom, 28 Bracka Street	
3	This declaration of conformity is issued under the sole responsibility of the manufacturer	
4	The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:	
5	Directive	Harmonised Standards
	2014/30/EU	EN 61326-1:2013
	2014/35/EU	EN 61010-1:2010
	<i>Balance with CE mark featuring supplementary metrological marking (capital letter M and two last digits of the year when metrological marking was applied) and Notified Body no. additionally adhere to:</i>	
	2014/31/EU	EN 45501:2015
6	Notified Body no. 1383, Czech Metrology Institute, performed EU-type examination and issued the certificate: EU-type examination certificate no. TCM 128/15-5325	
7	Additional information: The manufacturer's Quality System accordant with module D is under the supervision of Notified Body no. 1383, Czech Metrology Institute	

Signed for and on behalf of:
The Managing Director of RADWAG WAGI ELEKTRONICZNE – *Dr. Witold Lewandowski*

Radom 30.06.2016

Place and date of issue

Jacek Pilcecki, *Manager of Quality Control Department*

Name, Position

Signature

Velp Scientifica srl
Via Slavina 16
20099 Usmate (MI) Italy
Tel. +39 039 62 26 11
Fax +39 039 02 28 120
info@velp.it
www.velp.com



Insc. R.E.A. MI1125604
Tribunale Monza 24532
Cap. Soc. Euro 500.000 i.v.
Nr. Meccanografico MG018272
Codice Fiscale: 0655705155
Partita Iva: 00942180930



Dichiarazione di Conformità
Declaration of Conformity
Déclaration de Conformité
Declaración de Conformidad

La società VELP Scientifica dichiara sotto la propria responsabilità che i seguenti prodotti
The company VELP Scientifica hereby certifies on its sole responsibility that the following products
La compagnie VELP Scientifica déclare sous sa responsabilité que ces produits
La compañía VELP Scientifica bajo su responsabilidad declara que los siguientes productos

Agitatori magnetici / Magnetic stirrers / Agitateurs magnétiques / Agitadores magnéticos
ESP, MST, MST Digital, MICROSTIRRER, MULTISTIRRER 6, MULTISTIRRER 15, MULTISTIRRER 6 Digital,
MULTISTIRRER 15 Digital, AMI, AMI 4

vengono costruiti in conformità alle norme
are manufactured in conformity with the following standards or other normative
sont conformes aux réglementations
son fabricado en conformidad con las siguientes normas

EN 61010-1 Safety requirements for electrical equipment for measurement, control, and laboratory use
EN 61010-2-051 Particular requirements for laboratory equipment for mixing and stirring
EN 61326-1 EMC requirements for electrical equipment for measurement, control and laboratory use

e soddisfano i requisiti essenziali delle direttive:
satisfy the essential requirements of directives:
conformement aux dispositions des directives:
y satisfaces los requisitos fundamentales de las siguientes directivas:

2006/42/EC Machinery directive
2014/35/EU Low voltage directive
2014/30/EU Electromagnetic compatibility directive
2011/65/EU (RoHS) Restriction of the use of certain hazardous substances
2012/19/EU (RAEE) Waste of electric and electronic equipment

più successive modifiche e che sono presenti presso la ns. sede i documenti richiesti nell'allegato I della direttiva macchine.
plus modifications and that the documents listed in the annex I are available at Velp's offices as per the machinery directive.
y compris les modifications et que les documents énumérés dans l'annexe I sont disponibles auprès des bureaux de Velp suivant la
directiva sur les machines.
más modificaciones y que los documentos indicados en el anexo I se encuentran disponibles en las oficinas de Velp como prevé la
directiva sobre máquinas.

Responsabile per la compilazione del fascicolo tecnico:
Authorized to compile the technical documentation:
Mandatiaire pour la composition de la documentation technique:
Persona autorizada para elaborar el expediente técnico:

Stefano Marchesi c/o Velp Scientifica srl

Stefano Marchesi
Purchasing & Quality Manager

Giovanni Passoni
Managing Director

Usmate, 28/04/2017



EU DECLARATION OF CONFORMITY

Manufacturer: OPTIKA SRL
Address: Via Rigla, 30
ZIP Code, City, Country: 24010, Ponteranica (BG), Italy

WE

DECLARE UNDER OUR OWN SOLE RESPONSIBILITY THAT THE PRODUCTS:

DESCRIPTION: DIGITAL CAMERAS

SERIES: HDMI SERIES

MODELS: C-HE - C-HP - C-HESC - C-HPSC - C-HA

are in conformity with Directive 2011/65/EU of the European Parliament
and of the Council of 8 June 2011 on the restriction of the use of certain
hazardous substances in electrical and electronic equipment

AND

ARE IN CONFORMITY TO THE ESSENTIAL REQUIREMENTS OF THE FOLLOWING DIRECTIVES

2014/30/EU

on electromagnetic compatibility

VERIFIED USING, WHERE APPLICABLE, THE HARMONIZED STANDARDS

EN55015: 2013

EN61000-3-2: 2014

EN61000-3-3: 2013

AND ALL OTHER APPLICABLE SPECIFICATIONS

PONTERANICA, 28th January, 2018

SIGNED FOR ON BEHALF OF THE MANUFACTURER:

OPTIKA SRL
Pietro Oliveri



EU DECLARATION OF CONFORMITY

Manufacturers: OPTIKA SRL
Address: Via Rigla, 30
ZIP Code, City, Country: 24010, Ponteranica (BG), Italy

WE

DECLARE UNDER OUR OWN SOLE RESPONSIBILITY THAT THE PRODUCTS:

DESCRIPTION: MICROSCOPES

SERIES: B-380

MODELS: B-383PLi - B-382PLi-ALC - B-383PL - B-382PL-ALC

ARE IN CONFORMITY TO THE ESSENTIAL REQUIREMENTS OF THE FOLLOWING DIRECTIVES

2014/30/EU
on electromagnetic compatibility

2014/35/EU
on low voltage equipment

VERIFIED USING, WHERE APPLICABLE, THE HARMONIZED STANDARDS

EN55015: 2013

EN61547: 2009

EN61010-1:2010

EN61000-3-2: 2014

EN61000-3-3: 2013

AND ALL OTHER APPLICABLE SPECIFICATIONS

PONTERANICA, 15th February, 2016

SIGNED FOR ON BEHALF OF THE MANUFACTURER:

OPTIKA SRL
Pietro Oliveri
Legal Representative



C E R T I F I C A T E



of Conformity
Low Voltage Directive 2006/95/EC

Registration No.: AN 50264798 0002

Report No.: 15027384 004

Holder: Shanghai Mapada Instruments
Co., Ltd.
Building D-10, No. 261,
Sanbang Road,
Shanghai 201611
P.R. China

Product: Spektralphotometer
(Spectrophotometer)

Identification: Type Designation: UV-17
UV-20
UV-31, NDAK
Serial Number: Engineering Sample
Remark: Refer to base report 15027384 004
for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Date 25.10.2013


Dipl.-Ing. (FH) Bernd Scherer

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE



C E R T I F I C A T E

of Conformity

EC Council Directive 2004/108/EC

Electromagnetic Compatibility

Registration No.: AE 50265616 0001

Report No.: 15034790 002

Holder: Shanghai Mapada Instruments
Co., Ltd.
Building D-10, No. 261,
Sanbang Road,
Shanghai 201611
P.R. China

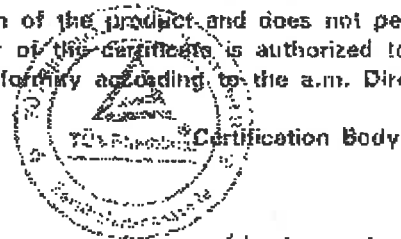
Product: Spektralphotometer
(Spectrophotometer)

Identification: CV 16
04-16
107-30 A02M

Equipment Class: Class B
Serial No.: n.a.
Remark: Refer to test report 15034790 002 for details

Tested acc. to: EN 61326-1:2006

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of this certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.



Date 14.10.2013

Xinjun Lu
Xinjun Lu

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with CE



EU-Declaration of Conformity

EU-Konformitätserklärung / UE-Declaración de conformidad / UE-Déclaration de Conformité / UE-Dichiarazione di Conformità

Manufacturer/Hersteller/Fabricante/Fabricant/Produttore:

HACH LANGE Spain S.L.U., Plaza Europa 41-43, 08908 L'Hospitalet de L., Spain - Tel. +34 93 540 91 20 - info@hach.com - www.hach.com

Part Number/Artikelnummer

Model/Modell

Designation/Bezeichnung

Número de artículo/Número article/Code article:

Modelo/Modelo/Modelo:

Designación/Designación/Designación:

LPV2000.9x.8882

Benchtrop sensION+

Hach sensION+ PH3

Including optional accessories / Inclusive opcionales / Includendo accessori opzionali / Inclusant
les accessoires optionnels / Compresi gli accessori opzionali:

LZW9008.99 - External AC-DC power supply
LZW2321.99 Magnetic stirrer with sensors
pH/REDOX: CRI50XX.99,
CRI50XXXXXX.99, CRI52XX.99,
CRI52XXXXXX.99, CRI50XXT.99,
LZW50XX.97.0002 and LZW50XXT.99

The product complies with the essential requirements of the following Directive(s) / Das benannte Produkt entspricht den wesentlichen Anforderungen der nachfolgend genannten Richtlinie(n) / El producto es conforme con los requisitos esenciales de la(s) siguiente(s) Directiva(s) / Le produit est conforme aux exigences essentielles de la (des) Directive(s) suivante(s) / Il prodotto è conforme ai requisiti essenziali della seguente Direttiva (e).

2011/65/EU

RoHS Directive

2014/30/EU

EMC Directive

The following harmonized standards were used to meet the requirements of the stated Directive(s) / Die folgende(n) harmonisierte(n) Norm(en) wurde(n) zur Einhaltung der Anforderungen der genannten Richtlinie(n) angewandt / Para cumplir los requisitos de las Directivas mencionadas se han aplicado las siguientes normas armonizadas / Les normes harmonisées suivantes ont été utilisées pour satisfaire aux exigences de la (des) Directive(s) mentionnée(s) / Le seguenti norme armonizzate sono state usate per soddisfare i requisiti della Direttiva (e) indicata.

EN 50581:2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

EN 61326-1:2013

Electromagnetic compatibility DE2114091

In addition the following standards have been applied in the development of the product / Darüber hinaus wurde(n) folgende(n) Norm(en) bei der Entwicklung des Produktes angewendet / Además, durante el desarrollo del producto, se han aplicado las siguientes normas / En complément, les normes suivantes ont été utilisées pour le développement de produit / Inoltre, sono stati applicati i seguenti Standard nello sviluppo del prodotto.

* See separate Declaration of Conformity of the optional accessories / Siehe separate Konformitätserklärung für das optionale Zubehör / Ver la Declaración de Conformidad para los accesorios opcionales / Voir déclaration de conformité des accessoires optionnels / Vedi dichiarazione di conformità separata delle accessori opzionali.

Authorised Person to compile the technical file / Bevollmächtigte Person für die Zusammenstellung der technischen Unterlagen / Persona autorizada para elaborar el expediente técnico / Personne autorisée à constituer le dossier technique / Persona autorizada a redigere il fascicolo tecnico

Francesc Pau - CE Coordinator - HACH LANGE Spain, S.L.U., Plz. Europa 41-43, 08908 Hospitalet Ll.

Anne Schaffhauser- Compliance Manager EU - HACH LANGE Sàrl, route de Compois CP 212; 1222 Vésenaz

This statement applies to all versions of the named product, which are prepared by the necessary technical documentation / Diese Erklärung gilt für alle Ausführungen des genannten Produktes, die nach der erforderlichen technischen Dokumentation hergestellt wurden / Este documento se aplica a todas las versiones del producto designado, que son preparadas por la documentación técnica necesaria / Cette déclaration s'applique à toutes les versions du produit mentionné / Questo documento si applica a tutte le versioni del prodotto indicato, che sono stati preparati dalla documentazione tecnica necessaria.

Year of primary CE marking of the product / Jahr der ersten CE Kennzeichnung des Produktes / Año de la primera marca CE del producto / Année de premier marquage CE du produit / Anno del primo prodotto CE: 2012

L'Hospitalet de Llobregat, 19/04/2017

Director of R & D Serge Hediger

CE Coordinator I.V. Francesc Pau



Be Right[®]



ISO 9001 Certified

EU-Declaration of Conformity

EU-Konformitätserklärung / UE-Declaración de conformidad / UE- Déclaration de Conformité / UE-Dichiarazione di Conformità

Manufacturer/Hersteller/Fabricante/Fabricant/Produttore:

HACH LANGLE Spain S.L.U., Plaza Europa 41-43, 08908 L'Hospitalet de L.L., Spain - Tel. +34 93 540 93 20 - info@hach.com - www.hach.com

Part Number/Artikelnummer: Número de artículo/número artículo/Código artículo: LZW50xx.97.0002, LZW50xxT.97.002 and LZW9171.99	Model/Modell: Modelo/Modello/Modello: pH / ORP electrodes	Designation/Bezeichnung: Designación/Designazione/Designazione: Hach pH electrodes
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Including optional accessories /inklusive optionales Zubehör/ Including optional accessories / Incluant les accessoires optionnels / Compres: gli accessori opzionali:

The product complies with the essential requirements of the following Directive(s) / Das bezeichnete Produkt entspricht den wesentlichen Anforderungen der nachfolgend bezeichneten Richtlinie(n) / El producto es conforme con los requisitos esenciales de la (s) siguientes Directiva (s) / Le produit est conforme aux exigences essentielles de la (des) directive(s) suivante(s) / Il prodotto è conforme ai requisiti essenziali della seguente Direttiva (e).

2011/65/EU	RoHS Directive
2014/30/EU	EMC Directive

The following harmonized standards were used to meet the requirements of the stated Directive(s) / Die folgende(n) harmonisierte(n) Norm(en) wurden zur Einhaltung der Anforderungen der genannten Richtlinie(n) angewendet / Para cumplir los requisitos de las directivas mencionadas se han aplicado las siguientes normas armonizadas / Les normes harmonisées suivantes ont été utilisées pour satisfaire aux exigences de la (des) directive(s) mentionnée(s) / Le seguenti norme armonizzate sono state usate per soddisfare i requisiti della direttiva (e) indicata

EN 61326-1:2013	Electromagnetic compatibility	EN 61326-1:2013, EN 61010-1:2012, EN 61010-2-1:2012 and EN 61010-2-2:2012
-----------------	-------------------------------	---

In addition the following standards have been applied in the development of the product / Darüber hinaus wurden folgende(n) Norm(en) bei der Entwicklung des Produktes angewendet / Además, durante el desarrollo del producto, se han aplicado las siguientes normas / En complément, les normes suivantes ont été utilisées pour le développement du produit / Inoltre, sono stati applicati i seguenti Standard nello sviluppo del prodotto.

*1) See separate Declaration of Conformity of the optional accessories / Siehe separate Konformitätserklärung für das optionale Zubehör / Ver la Declaración de Conformidad para los accesorios opcionales / Voir déclaration de conformité des accessoires optionnels / Vedi dichiarazione di conformità separata delle accessori opzionali.

Authorised Person to compile the technical file / Bevollmächtigte Person für die Zusammenstellung des technischen Dateifolien / Persona autorizada para elaborar el expediente técnico / Persona autorisée à constituer le dossier technique / Persona autorizzata a compilare il fascicolo tecnico.

Francisc Pau - CE Coordinator - HACH LANGLE Spain, S.L.U., Plz. Europa 41-43, 08908 Hospitalet LL.

Anne Schaffhauser- Compliance Manager EU - HACH LANGLE Sàrl; route de Compols CP 212; 1222 Vésenaz

This statement applies to all versions of the named product, which are prepared by the necessary technical documentation / Diese Erklärungen gelten für alle Ausführungen des genannten Produktes, die nach der erforderlichen technischen Dokumentation hergestellt wurden / Esta declaración se aplica a todas las versiones del producto designado, que son preparadas con la documentación técnica necesaria / Cette déclaration s'applique à toutes les versions du produit mentionné / Questo dichiarazione si applica a tutte le versioni del prodotto indicato, che sono stati preparati dalla documentazione tecnica necessaria.

Year of primary CE marking of the product / Jahr der ersten CE Kennzeichnung des Produktes / Año de la primera marca CE del producto / Année de premier marquage CE du produit / Anno del primo prodotto CE: 2012

L'Hospitalet de Llobregat, 10/04/2017

Director of R & D Serge Hediger

CE Coordinator I.V. Francesc Pau



Be Right

12-000000000000



EU-Declaration of Conformity

EU-Konformitätserklärung / UE-Declaración de conformidad / UE-Déclaration de Conformité / UE-Dichiarazione di Conformità

Manufacturer/Hersteller/Fabricante/Fabrizante/Produttore:

HACH LANGE Spain S.L.U., Plaza Europa 11-43, 08908 L'Hospitalet de Llobregat, Spain - Tel.: +34 93 540 20 20 - hach@hach.com - www.hach.com

Part Number/Artikelnummer Número de serie/Numéro article/Cosmă articol LPV3110.9x.8882, LPV2100.9x.8882, LPV2200.9x.8882 and LPV4110.9x.8882	Model/Modell Modelo/Modelo/Modello Benchtop sensION+	Designation/Bezeichnung Designación/Designation/Designazione Hach sensION+ EC71, PH31, MM340 and MM374
Including optional accessories / Inklusivo opcionales Zubehör / Incluyendo accesorios opcionales / Incluent les accessoires optionaux / Compresi gli accessori opzionali		LZW5008.99 - External AC-DC power supply LZW2321.99 Magnetic stirrer with sensors CE: CRI507X.99 and LZW5070.97.0002 pH/REDOX: CRI50XX.99, CRI50XXXXXX.99, CRI52XX.99, CRI52XXXXXX.99, CRI50XXT.99, LZW50XX.97.0002 and LZW50XXT.99

The product complies with the essential requirements of the following Directive(s) / Des bezeichnete Produkt entspricht den wesentlichen Anforderungen der nachfolgenden bezeichneten Richtlinie(n) / El producto es conforme con los requisitos esenciales de la (s) siguientes Directiva (s) / Le produit est conforme aux exigences essentielles de la (des) Directive(s) suivante(s) / Il prodotto è conforme ai requisiti essenziali della seguente direttiva (e).

2011/65/EU	RoHS Directive
2014/30/EU	EMC Directive

The following harmonized standards were used to meet the requirements of the stated Directive(s) / Die folgende(n) harmonisierte(n) Norm(en) wurde(n) zur Einhaltung der Anforderungen der genannten Richtlinie(n) angewendet / Para cumplir los requisitos de las directivas mencionadas se han aplicado las siguientes normas armonizadas / Les normes harmonisées suivantes ont été utilisées pour satisfaire aux exigences de la (des) Directive(s) mentionnée(s) / Le seguenti norme armonizzate sono state usate per soddisfare i requisiti della Direttiva (e) indicata.

EN 50581: 2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
EN 61326-1:2013	Electromagnetic compatibility (EN 61326-1)

In addition the following standards have been applied in the development of the product / Darüber hinaus wurde(n) folgende(n) Norm(en) bei der Entwicklung des Produktes angewendet / Además, durante el desarrollo del producto, se han aplicado las siguientes normas / En complément, les normes suivantes ont été utilisées pour le développement du produit / Inoltre, sono stati applicati i seguenti Standard nello sviluppo del prodotto.

*) See separate Declaration of Conformity of the optional accessories / Siehe separate Konformitätserklärung für das optionale Zubehör / Ver la Declaración de Conformidad para los accesorios opcionales / Voir déclaration de conformité des accessoires optionaux / Vedi dichiarazione di conformità separata delle accessori opzionali.

Authorised Person to compile the technical file / Bevollmächtigte Person für die Zusammenstellung der technischen Unterlagen / Persona autorizada para elaborar el expediente técnico / Personne autorisée à constituer le dossier technique / Persona autorizzata a costituire il fascicolo tecnico
Francesc Pau - CE Coordinator - HACH LANGE Spain, S.L.U., Pz. Europa 41-43, 08908 Hospitalet Ll.
Anne Schaffhauer - Compliance Manager EU - HACH LANGE Sàrl; route de Compais CP 212; 1222 Vésenaz

This statement applies to all versions of the named product, which are prepared by the necessary technical documentation / Diese Erklärung gilt für alle Ausführungen des genannten Produktes, die nach der erforderlichen technischen Dokumentation hergestellt werden / Esta declaración se refiere a todas las versiones del producto designado, que son preparadas por la documentación técnica necesaria / Cette déclaration s'applique à toutes les versions du produit mentionné / Questa dichiarazione si applica a tutte le versioni del prodotto indicato, che sono stati preparati dalla documentazione tecnica necessaria.

Year of primary CE marking of the product / Jahr der ersten CE-Markierung des Produktes / Año de la primera marca CE del producto / Année du premier marquage CE du produit / Anno del primo prodotto CE: 2012

L'Hospitalet de Llobregat, 19/04/2017

Director of R & D Serge Hediger

CE Coordinator i.v. Francesc Pau



Be Right

16-100005



DECLARATION OF CONFORMITY

Product name: Refrigerated laboratory centrifuge MPW-352R

Product type: Laboratory centrifuge

This declaration of conformity is issued under the sole responsibility of the manufacturer

Product classification on the basis of the Directive 98/79/EC: Non classified to list A or B and not for self-testing

Product complies with the requirements:

- Directive 98/79/EC (IVD), including the requirements of harmonized standards:

EN 15223-1:2016

EN ISO 18113-3:2011

EN 13612:2002

EN 61325-2-B:2006

EN 13612:2002/AC:2002

EN 61010-2-101:2002

EN 13975:2003

EN 62304:2006

EN ISO 14971:2012

EN 62304:2006/AC:2008

EN ISO 18113-1:2011

EN 62366:2008

- selected harmonized standards of Directive 2014/35/UE (LVD):

EN 61010-1:2010

EN 61010-2-020:2006

- directive 2014/30/UE (EMC).

„MPW MED. INSTRUMENTS”
SPÓŁDZIELNIA PRACY
w Warszawie

„MPW MED. INSTRUMENTS”
SPÓŁDZIELNIA PRACY
Warsaw, 46 Boremlowska Street
applies Quality Management System in line with
PN-EN ISO 9001:2015, PN-EN ISO 13485:2016
Certifying authority:

Członek Zarządu
Wojciech Anisiewicz

PREZES ZARZĄDU

mgr Łukasz Satarski



Warsaw, 2018. 09.15

na. 10.352R.02.en

EC-Declaration of Conformity

EG-Konformitätserklärung / CE-Declaración de conformidad / CE-Déclaration de Conformité / CE-Dichiarazione di Conformità

Manufacturer / Fabricante / Fabricador / Fabricatore:

HACI S.A.SGE S.p.A. S.L., Puntó de l'Espina 01-43, Carrer de l'Espina 1, 01430 L'Espina de l'Espina, Spain - Tel: +34 93 344 93 31 - Fax: +34 93 344 93 32

Model / Model / Modelo / Modello: LZW9322.99 and CR0322.99	Designation / Designation / Designation / Designation: Magnetic stirrer for High sensitive and Cision Benchtop instruments
including optional accessories / including optional accessories / including optional accessories / including optional accessories:)

The product complies with the essential requirements of the following Directive(s) / Das Produkt erfüllt die wesentlichen Anforderungen der nachfolgenden Richtlinie(n) / El producto es conforme con los requisitos esenciales de la(s) siguiente(s) Directiva(s) / Il prodotto è conforme ai requisiti essenziali delle seguente(s) direttiva(e).

2004/108/EC (until April 30th, 2016) 2014/30/EU (from Apr 26th, 2016)	EMC Directive
2006/42/EC	Machinery Directive

The following harmonized standards were used to meet the requirements of the stated Directive(s) / Die folgenden Normen (e) / Normas (e) / Normas (e) / Normas (e) wurden verwendet, um die Anforderungen der angegebenen Richtlinie(n) zu erfüllen / Para cumplir los requisitos de las Directivas mencionadas se han utilizado las siguientes normas armonizadas / Les normes harmonisées suivantes ont été utilisées pour satisfaire aux exigences de la(s) directive(s) mentionnée(s) / Le seguenti norme armonizzate sono state applicate per soddisfare i requisiti delle Direttive (e) indicate.

EN 61326-1:2013	Electrical Equipment for Measurement, Control & Lab Use - EMC requirements - Part 1: General requirements - TR9 N1326-1A, 10C, 127, A
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In addition the following standards have been applied in the development of the product / Además se han aplicado las siguientes normas / En complément des normes suscitées ci-dessus pour le développement du produit / In oltre, sono state applicate i seguenti Standard nelle sviluppo del prodotto.


*) See separate Declaration of Conformity of the optional accessories / Véase separada Declaración de Conformidad de los accesorios opcionales / Voir déclaration de conformité des accessoires optionnels. / Vedi Dichiarazione di Conformità degli accessori opzionali.

This statement applies to all versions of the named product, which are prepared by the necessary technical documentation / Diese Erklärung gilt für alle Ausführungen des genannten Produktes, die nach der erforderlichen technischen Dokumentation hergestellt wurden / Esta declaración se aplica a todas las versiones del producto designado que son preparadas a partir de la documentación técnica necesaria / Questa Dichiarazione si applica a tutte le versioni del prodotto indicato, che sono state preparate dalla documentazione tecnica necessaria.

Year of primary CE marking of the product / Año de marca CE del producto / Année de la première marque CE du produit / Anno di prima marcatura CE del prodotto: 2012

L'Hospitalet de Llobregat, 2015/11/19


Director of R & D Serge Hediger


i.V. Francesc Pau
CE Coordinator

LC-LZW9322.99



