

for hygienic net content control



Ingress protection & Hygiene

The smooth surface and the materials used allow the device to be easily and thoroughly cleaned according to EHEDG and NSF guidelines for use in hygienically-sensitive areas. It is dust- and waterproof to IP69k (DIN40050), so a pressure cleaner can be used.



Interfaces

Several interfaces are available for connecting a scale (analogue or digital), a printer, a barcode reader and a computer. These protected interfaces are located on the back of the terminal and are easily accessed using IP69k-rated sockets.



Easy to use

The design of the terminal and the ease of use of the SQC application are ideal for use in industry.



Clear graphic display

While the system is in use, the clear graphic display provides the user with essential information at all times: details of the item, random sample results or long-term statistics.



IND469sac – the waterproof SQC16 terminal

With the stainless steel model of the SQC16, METTLER TOLEDO supplies the ideal stand alone solution for net content control based on random samples in environments where hygiene is paramount.

The robust and waterproof design of all the components, the IND469sac, the scale and the strip printer, enable this system to be used even in exposed locations. At the same time, these design features and the nature of the surface allow the device to be easily cleaned in order to comply with the strictest hygiene regulations.



Technical data IND469sac

Housing/Environment

Materials	Stainless steel (AISI 304, 1.4301)
Ambient temperature	-10°C to +40°C for calibration class III 0°C to +40°C for calibration class II
Humidity	Up to 80% rel., non-condensating
Altitude	Up to 2000 m above sea level indoors
Weight	With AC power supply: approx. 2.6kg with battery: approx. 3.2kg

Display

Active dot matrix LCD (235 x 64 pixels)	
Number size	5 – 21 mm

Approvals, Inspections

Measurement technology	NTEP, OIML
Hygiene	NSF, EHEDG
Pharmaceutical industry	GMP
Electrical safety	CSA – CUS, CE, PSE
IP-rating	IP69k (DIN 40050)

Power supply

Standard AC power supply	100 to 240 V AC, 47 to 63 Hz, 300 mA Power cable approx. 2.3m long
External power supply/feed	(optional)
Connection	12 to 24 V DC, 1.0 A
Battery operation	NiMH rechargeable battery (integrated into the housing)
Charger	100 to 240 V AC, 47 to 63 Hz, 300 mA Power cable approx. 2.3m long
Operating time	9 hours typical (continuous operation) 90 hours typical ("power off mode" 1 min.)
Charging time	60 hours typical
Service life	1000 charge/discharge cycles typical

Control panel

Materials	Polyester (PE)
Number of buttons	25

Interfaces

Standard	2 x RS232 + PS/2
Optional	RS232 + Ethernet + PS/2 RS232 + WLAN + PS/2

Weighing technology

Number of weighbridges	1
Standard scale connection	Analogue or IDNet
IDNet compatibility	IDNet scales from model year 2003 onward can be connected to an IND4x9 terminal

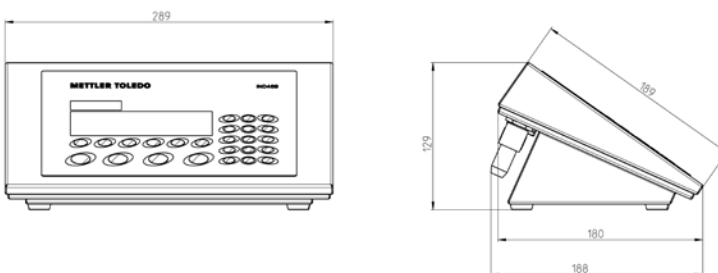
Analogue scale connection

Impedance	min. 80 Ohm
DMS power supply	8.2 V
Nominal value	2 – 3 mV/V
Max. resolution	10000d (NTEP), 7500e (OIML) 30000d – cannot be calibrated
Min. input signal	0.5 µV/e (can be calibrated)



Printed reports are protected

Reports on random samples are printed automatically. Whether the paper strip exits the printer housing for tearing off or remains protected against water inside the printer depends on the type of printer selected. All statistical results required by law are saved in the system and can be printed out at any time, along with the complete item list. The same data can also be saved on a computer using the optional BR16 software.



Order information

IND469SQC	1x analogue scale, 2x RS232+ PS2	21901332
IND469SQC/IDNet	1x IDNet scale, 2x RS232+ PS2	21901333
IND469SQC-RT (US model)	1x analogue scale, 2 x RS232+ PS2	21901334
IND469SQC-RT/IDNet (US model)	1x IDNet scale, 2 x RS232+ PS2	21901335

Options

Ethernet interface	1x RS232+ ETH+ PS2	22015345
WLAN interface	1x RS232+ WLAN+ PS2	22015346
Internal battery	including charger	22013957
Ext. 12 – 24 V DC power supply	Incl. 5m connecting cable with open end	22013958
BR16 Software	Backup/Restore/Edit of SQC16 data	21901245

Accessories

GA46 printer, 2.5m cable	With RS232 connector	505471
GA46 printer, 0.4m cable	With RS232 connector	507229
GA46/W printer, 2.5m cable	Protective cover and winding device, RS232	505799
GA46/W printer, 0.4m cable	Protective cover and winding device, RS232	507230
RS232 PC cable	3m, 8-pin <-> 9-pin Sub D	504376
Socket cover	To protect unused interfaces	503756
Protective cover for terminal	Set of 3	22013963
Stand IND4x9, height 330mm	For PBA430 platform	22013964
Stand IND4x9, height 330mm	For K line platforms	22014836
Wall mount adapter IND4x9	Inclinable	22013966
BR16 Software	Backup/Restore/Edit of SQC16 data	21901246

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