

FreeWeigh.Net® terminal for use in wet areas

**Connection to FreeWeigh.Net®**

The terminal has been designed for connection to the networked FreeWeigh.Net® quality control systems. This METTLER TOLEDO solution enables various quality control parameters to be recorded and centrally managed within your production process.

**Interfaces**

Various interfaces are available for connecting an analog or digital weighing platform or for network connection via an Ethernet cable or WLAN. These can be found on the back panel of the terminal and are easily accessible via IP69k protected connectors.

**IND469rem remote terminal –**

For a high degree of IP protection and hygiene

Special measuring instruments are needed for quality control in environments with strict hygiene requirements. They must be easy to clean and also completely waterproof. With the network-compatible stainless steel IND469rem, METTLER TOLEDO provides the ideal weighing terminal for connection to a FreeWeigh.Net® system in environments with such high demands. The flat surface and materials used allow simple and thorough cleaning in line with EHEDG and NSF guidelines for use in hygienically sensitive environments. Dustproof and waterproof in line with IP69k (DIN40050) protection, it is suitable for use with a high pressure cleaner.



EHEDG



FreeWeigh.Net®


METTLER TOLEDO

Technical data IND469rem

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
Dimensions (HxWxD)	289 x 129 x 180mm

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

Weighing technology

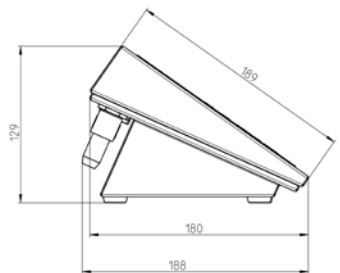
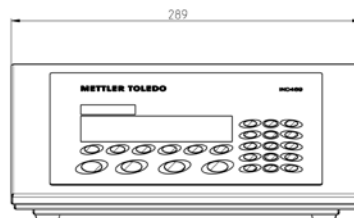
Number of weighbridges	1
Standard scale connection	Analog or IDNet
IDNet compatibility	IDNet scales from model year 2003 onward can be connected to an IND4x9 terminal

Analog 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)

IDnet or analog platforms

The terminal can be used with platforms with either analog and digital load cells. The KA3S platform (pictured at right), with a weighing range of up to 3kg and a calibrated resolution of 0.1g is an ideal scale for monitoring fill quantity of packaged goods.



Ordering information

IND469rem/Analog	1x analog platform, 1x RS232, 1x Ethernet, 1x PS2	21 901 336
IND469rem/IDNet	1x IDNet platform, 1x RS232, 1x Ethernet, 1x PS2	21 901 337

Options

WLAN interface	1x RS232, 1x WLAN, 1x PS2	22 015 346
Internal rechargeable battery	incl. charger	22 013 957
External power supply 12-24VDC	includes 5m plug-in cable with open end	22 013 958

Accessories

GA46 printer, 2.5m cable	With RS232 connection	00 505 471
GA46 printer, 0.4m cable	With RS232 connection	00 507 229
GA46/W printer, 2.5m cable	Protective casing and rewinder, RS232	00 505 799
GA46/W printer, 0.4m cable	Protective casing and rewinder, RS232	00 507 230
DRAGON D131 barcode reader	Industrial model IP64 (without cable)	21 901 302
Stand IND4x9, height 330mm	for platform PBA430	22 013 964
Stand IND4x9, height 660mm	for platform PBA430	22 013 965
Stand IND4x9, height 330mm	for KA-, KB-, MA-, MB- and DB platforms	22 014 836
Floor stands, height 1000mm		22 014 834
Feet for floor stands		22 011 982
Wall bracket IND4x9	tilting	22 013 966
Wall bracket IND4x9	tilting and rotating	22 014 833



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Environmental certificate ISO 14001
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