

Weighing Terminals



IND429

Weigh

Clean

Comply

Connect



Precision in stainless steel
For Easy Cleaning Solutions

METTLER TOLEDO



Pharmaceutical industry

The IND429 weighing terminal for reliable processes and precise results:

- GMP-compliant design
- MinWeigh warning function for defined minimum weight
- Connectable precision scale
- Clearly identifiable scale
- Worldwide certification licenses



Chemical industry

Rugged solutions for the demanding environments of the chemical industry:

- IP69K, dust and water-tight
- Stainless steel housing for aggressive environments
- Good readability through backlighting
- Conforms to electrical safety, EMV and measuring technology standards worldwide
- Easy process integration through a variety of data interfaces (RS232, Ethernet)



Food industry

Optimal solution for hygienically sensitive areas:

- NSF- and EHEDG-compliant:
 - NSF: National Sanitation Foundation
 - EHEDG: European Hygienic Engineering and Design Group
- IP69K, allows high-pressure cleaning
- Easy cleaning through optimized design
- Extremely hygienic surfaces

Comply with the latest sanitation and hygiene standards.



Weigh

The complete range of METTLER TOLEDO weighing platforms can be connected to the IND429 terminal. The terminal has either analog or digital (IDNet) balance interfaces available.

Analog balances and weighing cells by other manufacturers can also be used. You can find metrological data in the operating manual or the data sheet of the terminal. All IDNet weighing platforms built in 2003 or later can be connected.



Water ingress protection

Protected to IP69K in accordance with DIN 40050, the IND429 is suitable for use in harsh environmental conditions. The device is dust-tight and can be cleaned with high-pressure equipment.



Weighing platforms

Weighing platforms from METTLER TOLEDO can be connected to the IND429 terminal. Whether the IDNet interface is analog or digital, an optimal solution can be assembled from our broad product range.



Good Manufacturing Practice

The IND429 was evaluated as "Very well suited to GMP-compliant work!" by the Steinbeis Transfer Institute at the University of Berlin, due to its cleanability, calibration, surfaces and qualification documentation.



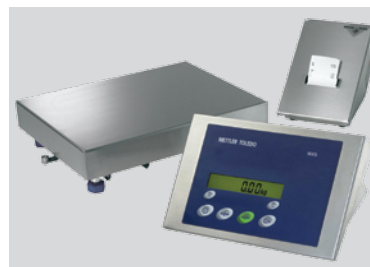
Connect

Both RS232 and Ethernet interface options are available for the connection of computers and/or printers. The interfaces are installed in a protected position at the back of the terminal and are accessible via IP69K-protected sockets.



Hygiene

The IND429 was specially designed for use in hygienically sensitive areas. Its smooth surface and the materials used in its construction allow it to be cleaned easily and completely. NSF and EHEDG have made a positive appraisal of the device.



Accessories: GA46 printer

The GA46 thermal printer is available for connection via RS232 interface to the IND429 terminal. The GA46 features a stainless steel housing. An IP65-protected version with cover and take-up device is also available.



4 Series family

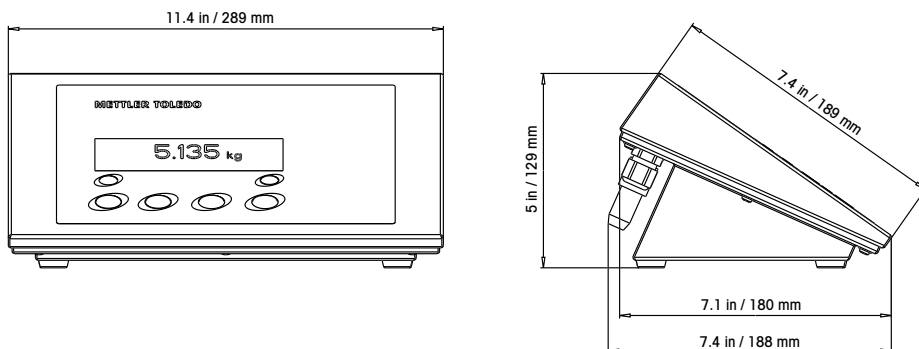
The IND429 weighing terminal is a stainless addition to the 4 Series. The 4 Series comprises various types of construction with similar functions:

BBA4xx: Compact scale w/analog sensor

BBK4xx: Compact scale w/force compensation sensor

IND4x5: Weighing terminal, IP65, aluminum housing

Dimensions



Accessories

- GA46 thermal printer, stainless steel housing, RS232 interface, 2.5m cable included	505471
- GA46 thermal printer, stainless steel housing, RS232 interface, 0.4m cable included	507229
- GA46-W thermal printer, stainless steel housing, RS232 interface, IP65, protective cover, take-up device, 2.5m cable included	505799
- GA46-W thermal printer, stainless steel housing, RS232 interface, IP65, protective cover, take-up device, 0.4m cable included	507230
- RS232 cable for PC (3m, 8-pin <-> 9-pin Sub D socket)	504376
- RS232 adapter, 8-pin	503756
- Ethernet 10/100 Base T twisted pair cable (5m -> 8-pin RJ45)	205247
- Ethernet 10/100 Base T twisted pair cable (20m -> 8-pin RJ45)	208152
- Protective cover for terminals IND4x9 (3-piece set)	22013963
- Stand, stainless steel, for IND4x9 and PBA430, height 330mm	22013964
- Stand, stainless steel, for IND4x9 and PBA430, height 660mm	22013965
- Wall adapter, stainless steel, for IND4x9	22013966

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