

IND560

Industrial Weighing Terminal



The IND560 is an easy-to-use terminal for use in process and other general weighing applications. Rugged yet versatile, it is available in a Panel-mount or Harsh Environment stainless steel enclosure that can be desk, wall or column mounted.

Applications

- General weighing
- Process weighing and control
- Filling and blending
- Over/Under checkweighing

Standard Features

- Shallow depth Panel-mount or EHEDG and NSF-friendly designed Harsh Environment model for desk, column or wall mounting
- Interfaces one analog scale, up to 8 load cells, or one iDNet scale
- Menu-driven, "Windows-like" navigation for setup
- Bright 21mm (0.83") graphical weight display, 128 x 64 pixels
- Setup through front panel using dedicated function and softkeys, navigation keys, and numeric keypad or offline setup with InSite™
- TraxDSP™ digital filtering and TraxEMT™ maintenance features
- Optional digital I/O using latching outputs for material transfers, PLC interfaces and Ethernet TCP/IP with additional serial ports

Specifications

Graphical Display:

Type: vacuum fluorescent, 128 x 64 dot matrix
Size: 43 mm (1.69") total display with 21 mm (0.82") of weight display
Display Update Rate: 10 Hz

Keys

Type: Flat switch membrane with tactile-feel keys; 1.2mm (0.05") polyester (PET) overlay; 1.7mm (0.7") polycarbonate clear lens
Primary function keys: Zero, Tare, Clear, Print
Navigation keys: Up, Down, Left, Right, Enter
Numeric keys: 0-9, decimal point
Soft keys: 15 programmable (8.8mm, 0.35") with access to alpha characters

Power

Termination:

Panel: two position removal terminal strip for 16 to 12 AWG wire
Harsh: integral power cord

Supply Criteria: 100, 240 VAC, +10%, -15% at 49 to 61 Hz

Consumption: 750 mA maximum

Enclosure

Panel Mount:

Material: 5mm (0.19") 304L stainless steel front with 2J Sanitary Finish; aluminum frame
Protection (pending): Certified TYPE 4/12 (IP65) protection in appropriate enclosure
Dimensions (h x w x d): 160 x 265 x 92 mm (10.4 x 6.3 x 3.6 in), fitting into a Lynx or JAGXTREME terminal panel output
Mounting Panel Thickness Range: 16 to 11 gauge

Specifications (continued)

Harsh Environment: Desk, Wall and Column Mount

Enclosure: designed to comply with EHEDG and NSF sanitary cleaning standards; front panel rotates 180° for an improved viewing angle

Material: 304L stainless steel front panel, 2J finish

Protection: IP69K certified protection (pending), appropriate for heavy washdown with hot water under pressure

Dimensions (h x w x d): 160 x 265 x 170 mm (10.4 x 6.3 x 6.7 in) with a viewing angle of 30°

Wall / Column Mounting Bracket Option: improves viewing angle

Compliance and Approvals

Weights and Measures:

U.S.A.: NTEP, CoC #05-057

• iDNet: Class II, 100,000d

• Analog: Class III / III-L, 10,000d

Canada: (pending)

Europe: (pending): OIML R76; CoC #TCxxxx

• iDNet: Class II, 100,000d

• Analog: Class III / III-L, 10,000e

Product Safety:

UL: Tested and complies with UL1950 U.S. and Canada

• Panel-mount: Recognized Component, IND, CONT, EQ, 202B

• Harsh: UL Listed, I.T.E. 202B

CE Conformity: (pending):

• EN60061-1:2001: Low voltage Directive

• EN60947-1:2000: EMC Directive

• Xelcon/IEC: Non-automatic Weighing Instruments Directive

Hazardous Area Use (pending):

Safe area installation interfacing Division 1 or Zone 1 Equipment:

• Capable of operation with analog load cells and scales located in a Division 1 or Zone 1 hazardous area when used with approved barrier (e.g. METTLER TOLEDO ISB15 or ISB15x)

Purged Enclosure: option available upon request

Radio Frequency Interference Susceptibility (pending): meets requirements with a maximum of one display increment of change when calibrated for the recommended scale builds

Radio Interference Frequency: 80-1000 MHz

Field Strength: 10 volts / meter

Temperature Characteristics:

Operating Temperature:

Class II: 32° F to 104° F (0°C to 40°C) at 10% to 95% relative humidity, non-condensing

Class III: 14° F to 104° F (-10°C to 40°C) at 10% to 95% relative humidity, non-condensing

Storage Temperature: -40° F to 140° F (-40°C to 60°C) at 10% to 95% relative humidity, non-condensing

Zero Temperature Coefficient: 0.3uV / °C maximum

Span Temperature Coefficient: 5ppm / °C maximum

Mettler Ind560 Technical Manual

Thomas Griffiths



Mettler Ind560 Technical Manual:

Reviewing **Mettler Ind560 Technical Manual**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Mettler Ind560 Technical Manual**," an enthralling opus penned by a very acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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reading in the i s column of the field book 5