DATA BRIEF

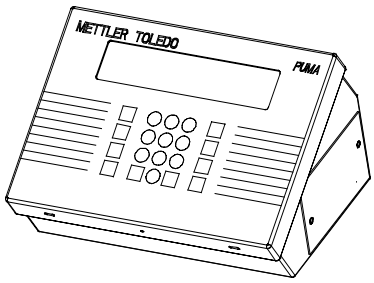
PUMA™

Hazardous Weight Indicator

Model	PUMA
Physical Dimensions	254 mm(W) x 183 mm(D) x 146 mm(H), (10.00" x 7.19" x 5.75")
Operating Temperature	-10°C to 40°C (14°F to 104°F) 10 to 95% humidity, non-condensing
Power, 3-versions	Internal 1.2 Amp hour battery External 7 Amp hour battery 115 Volt AC power supply
Environmental	NEMA 4X (IP65)
Mounting	Desk, Wall, Column
Safety Approval – Factory Mutual Research	Puma: Class I & II; Division 1 & 2; Groups A,B,C,D,E,F, & G; T4A Internal Battery: Class I & II; Division 1 & 2; Groups A,B,C,D,E,F, & G External Battery: Class I & II; Division 1 & 2; Groups A,B,C,D,E,F, & G AC Power Supply: Class I & II; Division 1 & 2; Groups C,D,E,F, & G
Display	Weight Display: Six (6) digit, one inch, high resolution LCD Symbols: G, T(PT), Net, Z, lb, kg, t, g Indicators: Clock, ID, Battery Low, Comma, Decimal Point
Serial Communications	Two (2)—Optional, bi-directional, fiber optic ports
Scale Type	Four (4)—350 or Six (6)—450 Ohm analog load cells, listed on Mettler Toledo approval print 156305R.
Approved Weigh Scales/ Load Cells	Models: GBx Bench, WBx Bench, Centerlign™, Flexmount™, Tension Mount, Conversion Kits, Ultramounts™, Weigh-Plate™, Vertex™, EZ-Clean™, EZ-Lift™, Predator™, Monorail, Deckmate™, Liftmate™ HD.

Simple, Flexible, Durable

Approved
5000d & Safety



Options:
- 1 or 2-fiber optic, bi-directional, serial communication ports.
- Safe area fiber optic, bi-directional, serial converter (RS232 and 20mA ASCII).
- A wide variety of peripheral devices (printers, setpoint controller, analog/BCD, displays).
- Battery chargers for safe area operation.

Features	Benefits
Intrinsic Safe Design	■ Allows the placement of weight indicator in a hazardous area without the addition of costly barriers, purge boxes or Nema 7/9 enclosures.
System Approval	■ Eliminates guesswork in selecting compatible instrument and load cell systems.
Harsh Environment Enclosure	■ Better sanitation and cleaning ■ No exposed door fasteners
All Stainless Steel Construction	■ Resists corrosion; ideal for chemical and pharma applications
Keyboard Entry	■ Intuitive setup and calibration
High Visibility Display	■ Easy to read, even in low light conditions
Fiber Optic Data Transmission	■ Eliminates the need for costly Ex conduit and barriers
Programable "Sleep" Mode	■ Greatly extends battery life
Optional Long Life Battery or AC Power Supply	■ Allows matching the power source to the application
Fiber Optic Data Communications	■ Simplifies transmission of data up to 1000'
Setpoints	■ Allows the control of filling and process applications
ID & Time/Date	■ Allows printing of a more complete weighing transaction
Selectable Filtering/Update Rate	■ Includes ultra-quiet analog front end. Provides improved responsiveness and weight stability

This product was developed, produced and tested in a Mettler Toledo facility that has been audited and registered according to International (ISO 9001) quality standards.

Note: Refer to drawing 156305R for approved weighing understructures. Some are approved for Gas Groups (A-D) only and some are approved for Both Gas and Dust Groups (A-D) & (E-G). All Heavy Capacity Understructures require a grounding kit.

Contact your local authorized Mettler Toledo distributor or sales office for additional information.

METTLER TOLEDO

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