



Hazardous Area Terminal

Model	PUMA TERMINAL
Physical Dimensions W x D x H	254 x 183 x 146 mm 10.0 x 7.2 x 5.8 in
Operating Temperature	-10°C to 40°C (14°F to 104°F) 10 to 95% humidity, non-condensing
Power – 3 Choices	Internal 1.2 Amp hour battery External 7 Amp hour battery 115 or 230 Volt AC power supply
Environment Protection	NEMA 4X (IP65)
Mounting	Desk or Wall
W & M Approvals	NTEP Coc #96-160, Canada AM-5195, Australia S359
Safety Approval Factory Mutual Research	PUMA terminal with internal or external battery or external AC supply: NEC Class I & II; Division 1 & 2; Groups A,B,C,D,E,F, & G; T4A (AC supply must be located in safe area for groups A and B)
Safety Approval Canadian Standards Association	PUMA terminal with internal battery: CSA Class I & II; Division 1 & 2; Groups A,B,C,D,F, & G; T4A PUMA terminal with external battery or AC supply: CSA Class I & II; Division 1 & 2; Groups A,B,C,D,E,F, & G; T4A (AC supply must be located in safe area for groups A and B)
Display	Six-digit, seven-segment 25 mm (1 in), high resolution LCD LCD Icons: Clock, ID, Battery Low, G, T, N, lb, kg, t, g
Serial Communications	Two optional, bi-directional, fiber optic ports
Scale Type	Four 350 ohm or six 450 ohm 2mv/v analog load cells, listed on METTLER TOLEDO approval print 122502R or 156305R.
Approved Bases, Floor Scales and Load Cells (current models)	GBx, WBx, HD, Centerlign™, Flexmount®, Tension Mount, Ultramount™, Easy Clean, 2158, 2254, 2256, 2266, 2888, MG4500

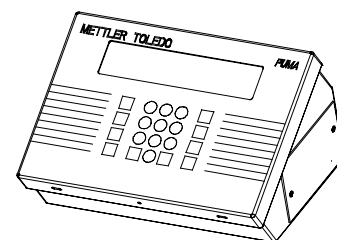
Options:

- 1 or 2 fiber optic, bi-directional, serial communication ports.
- Fiber optic cable.
- Safe area fiber optic, bi-directional, serial converter (RS232 and 20mA ASCII).
- Column mounting bracket.
- 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 terminal in a hazardous area without the addition of costly barriers, purge boxes or NEMA 7/9 enclosures.
Harsh Environment Enclosure	■ Better sanitation and cleaning ■ No exposed door fasteners
All Stainless Steel Construction	■ Resists corrosion; ideal for chemical/pharmaceutical applications
Keyboard Entry	■ Intuitive setup and calibration
High Visibility Display	■ Easy to read, even in low light conditions
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', eliminates costly barriers
Setpoints	■ Allows the control of filling and process applications
ID & Time/Date	■ Allows printing of a more complete weighing transaction
Selectable Filtering/Update Rate	■ Provides improved responsiveness and weight stability

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.

The Low Power, High Performance Solution for Weighing in Hazardous Areas



Coc #96-160
Class III/III
5000d



APPROVED



Approved
5000d & Safety



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.

METTLER TOLEDO

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