

PANTHER®

Scale Terminal



Put Speed and Accuracy in Your Weighing and Process Control Applications

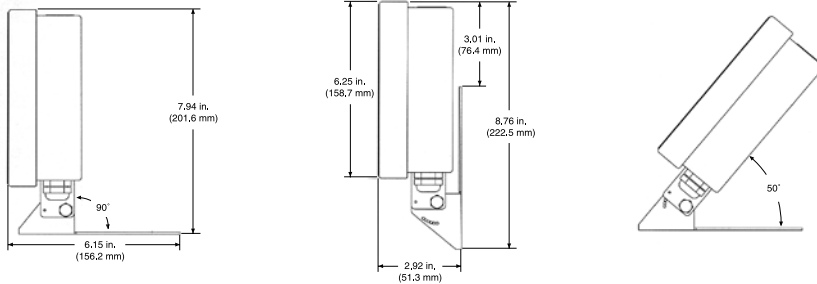
METTLER TOLEDO

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Σήμανση
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Small in size and high in performance, the PANTHER scale terminal offers outstanding value

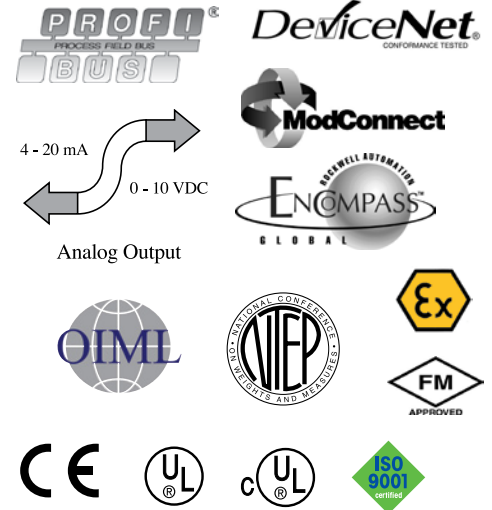
The PANTHER scale terminal is a compact, easy-to-use weight terminal for analog scales. Rugged yet versatile, it is available in a harsh environment stainless steel enclosure that can be column, wall, or desk mounted, or in a compact panel mount version.



Specifications	Harsh Environment (column-, wall-, or desk-mounted)	Panel Mount
Physical Dimensions (W x D x H)	178 x 66 x 159 mm (7 x 2.58 x 6.25 in)	170 x 130 x 90 mm (6.75 x 5.2 x 3.62 in)
Construction	Stainless steel construction designed to provide Certified TYPE 4x and IP65 protection	Stainless steel front panel Certified TYPE 4 and IP65 protection when mounted in appropriate enclosure
Power	Universal AC power supply works with 100, 120, 220, 240 VAC power sources	
Operating Temperature	-10°C to 45°C (14°F to 113°F)	
Display	12.7 mm / 0.55 in high, 7-digit, 7-segment vacuum fluorescent numeric display	
Keypad	6-function	
Scale Performance	Internal resolution 1,000,000; External 10,000	
Scale Interface (Analog)	Maximum of eight 350 ohm analog load cells	
Scale Update Rate	>300 Hz	
Digital Filtering	METTLER TOLEDO exclusive TraxDSP™ filtering	
Process Control	2 setpoints with preact zero tolerance	
Checkweighing	4 targets with 5 zones each	
Discrete Outputs/Inputs	3 outputs / 1 input / 5 zones status LEDs	3 outputs / 1 input / 3 zone status LEDs
Serial Interface	Standard RS-232 printer connections or bi-directional serial continuous output	
Shipping Weight	2.5 kg (5.5 lb)	
Options	Analog output (0-10 V or 4-20 mA analog output) Three high level outputs for switching between 28-230 VAC (panel mount only) Direct PLC connectivity (Allen-Bradley RIO®, PROFIBUS®, DeviceNet®, or Modbus Plus®)	

Standard Features:

- **Process Control Connectivity** – The PANTHER terminal can be integrated with process control equipment through a variety of methods, including discrete I/O, 4-20 mA or 0-10 V analog output, Allen-Bradley RIO®, Modbus Plus®, PROFIBUS®, and DeviceNet®.
- **Flexible Uses** – Select standard weighing, batch process weighing or manual checkweighing.
- **Built-In Setpoints** – Built-in setpoints can be used to create hybrid automated control systems or for batch process and filling applications.
- **Adjustable Filtering** – The PANTHER terminal includes the METTLER TOLEDO exclusive TraxDSP® vibration rejection and superior noise filtering, which can be adjusted to minimize response time and get stable weights even when the scale has a mixer or agitator mounted on it.
- **Hazardous Area Applications** – The PANTHER terminal can interface with scale bases used in hazardous areas when installed with appropriate barriers. The panel-mount analog load cell version has been Factory Mutual approved for use in Division 2 and Zone 2 areas. This version has also been KEMA certified as a Category 3 G/D device for use in Zone 2 and Zone 22 areas.



For more information, contact your authorized METTLER TOLEDO representative or one of the regional offices below.

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	Austria (43-1) 604 1980	(43-1) 604 2880	Korea (82-2) 3498-3500	(82-2) 3498-3555		Specifications subject to change without notice ©2006 Mettler-Toledo, Inc.
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