



Harsh Environment Matroller (Material Transfer Controller)

**DATA BRIEF -
HARDWARE**

Model	Q.iMPACT
Physical Dimensions (W x D x H)	321 x 210 x 236 mm (12.62" x 8.03" x 9.3")
Operating Temperature	-10°C to 45°C (14°F to 113°F); 10 to 95% humidity, non-condensing
Power	85 to 264 VAC, 47-63 Hz, auto-sensing
Environmental Protection	TYPE 4X
Display	Upper: 7-digit, 7-segment vacuum fluorescent, 13 mm/ 0.5" high Lower: 16 characters, 5 x 7 dot matrix vacuum fluorescent, 6 mm/ 0.25" high
Controller PCB	<ul style="list-style-type: none"> • Ethernet, 10BASE-T • 4 discrete inputs configurable • 4 discrete outputs configurable • COM1: RS232 or 20mA current loop active transmit/passive receive • COM2: RS232 or RS422/RS485 • PS/2 type QWERTY keyboard connection

**Material Transfer
Control Accuracy
and Simplicity**



Options:

- Analog, Reduced Excitation Analog, POWERCELL® and High Precision, Flow Meter interface and Multifunction Interface Boards
- ControlNet field bus communications board
- Technology Licenses for Channel upgrades and activation
- Technology Licenses for Material Path upgrades and activation

Features	Benefits
Harsh Environment Enclosure	<ul style="list-style-type: none"> ▪ Better sanitation and cleaning. Removable wall mounting clips
Ethernet Port	<ul style="list-style-type: none"> ▪ 10BASE-T (RJ-45) port standard (TCP/IP, SMTP, HTTP, FTP, PPP supported) ▪ True web-based server embedded for configuration and diagnostics ▪ Upload and download reports, and configurations via the Internet
Material Transfer Web Pages	<ul style="list-style-type: none"> ▪ View, Administrate and Diagnose material transfer phases via web browser
Alpha-numeric Keyboard Entry	<ul style="list-style-type: none"> ▪ Intuitive setup and custom operator prompting
5 Printer Templates	<ul style="list-style-type: none"> ▪ Program custom serial outputs to print exactly what is required
2 Serial Ports standard + 2 optional ports	<ul style="list-style-type: none"> ▪ Interface multiple serial peripheral devices for data input and output - fully configurable
Scale & Flow Meter Support	<ul style="list-style-type: none"> ▪ Simultaneously supports a maximum of four scale platforms with analog, RAAD box or POWERCELL technologies (supports a maximum of two scale platforms with High Precision (IDNET) technologies) or a maximum of 12 flow meters in a matroller
Self-Diagnostics	<ul style="list-style-type: none"> ▪ Quick, simple troubleshooting saves installation and troubleshooting time
Stored Tare and Zero Values	<ul style="list-style-type: none"> ▪ Accurate restart of system after power loss with no need to empty scale
More Than 300 A/Ds per Second	<ul style="list-style-type: none"> ▪ Quick weight response resulting in more accurate weights in automated weighing systems
TraxDSP™ Filtering	<ul style="list-style-type: none"> ▪ Reduces vibration effects to give a stable and accurate weight ▪ Includes ultra-quiet analog front end, a proprietary high speed/high resolution A/D and a dedicated 16-bit processor for serial processing
TraxEMT™ Maintenance	<ul style="list-style-type: none"> ▪ Embedded Maintenance Technician – Maintenance planning, condition monitoring, calibration checking, fault recognition and recovery, ISO compliance

Produced in a facility that is



METTLER TOLEDO

Specifications subject to change without notice.

©2002 Mettler-Toledo, Inc. METTLER TOLEDO® and Q.iMPACT® are registered trademarks of Mettler-Toledo, Inc.

16608000A

Contact your local authorized METTLER TOLEDO distributor or sales office for further information.



Νέων Τεχνολογιών ΑΒΕΕ
Γεράκι 113,Τ.Θ. 67934
15344 Γεράκιος
Τηλ: 210 6654544
Fax: 210 6654545
marketing@nefton.gr
www.nefton.gr