

Master WE503

Multi-Functional Weighing and Filling Programs



Specifications

- Power:**
110 to 240VAC and 12/24VDC
- Excitation Voltage:**
5VDC, 16 analog 350 Ohm load cells
- Analog Signal Input Range:**
10 mV
- Analog Signal Sensitivity:**
0,3 µV/e
- Resolution:**
3.000.000 d
- Measurement Rate:**
Up to 3200 updates/second
- Circuit Protection:**
EN 45501 and EN 61000-6-2
- Load Cell Connection:**
Four or six wires
- Internal Data Archive:**
Alibi memory
- Display:**
Graphic LCD display
- Keyboard:**
Programmable function keys
- Digital I/O:**
2 inputs and 4 outputs
- Interfaces:**
2 x RS232, 1 x RS232/RS485,
- Optional:**
Fieldbus, Ethernet, Bluetooth®, Analog Input, Analog Output
Additional digital IO, 6 inputs and 12 outputs
USB stick for data storage 5.000.000
- Material:**
Stainless steel
- Rating:**
IP68
- Dimensions:**
243 x 265 x 145 mm
- Operating Temperature:**
-10° C to 40° C
- Warranty:**
One-year limited warranty

Standard Features/Applications

- Industrial design with modular hardware ideal choice for:
 - Belt scales
 - Weigh belt feeders
 - Screw weigh systems
 - Bulkslide flowmeters
 - Impact flowmeters
 - Loss-in-Weight feeders
 - Shipping and receiving
 - Filling of liquid and solid material
 - Checkweighers
 - Dynamic weighing and batching systems
 - Vehicle weighing
 - Mobile data capture systems

Approvals



Part Number/Price

Part #	Description	Price
Wall Mount, Table Top and Panel Mount		
185147	WE503	Consult

Options/Accessories

Part #	Description	Price
185254	Analog output 0/4-20 mA, 0-10VDC	Consult
Consult	Analog input	Consult
Consult	Profibus	Consult
Consult	Profinet	Consult
Consult	Ethernet/IP	Consult
Consult	EtherCAT	Consult
Consult	CANOpen	Consult
Consult	DeviceNET	Consult
Consult	Modbus TCP	Consult
193815	Expansion board (required for analog output option)	Consult

- Approvals:**
OIML R76 / MID R51,
10000e or multirange 3 x 3.000e (**)
Single, multi-range or multi-interval