

Master WE503

Multi-Functional Weighing and Filling Programs



Specifications

Power: 110 to 240 VAC and 12/24 VDC

Excitation Voltage:

5 VDC, 16 analog 350 Ohm loadcells

Analog Signal Input Range: 10 mV

Analog Signal Sensitivity: 0,3 μ V/e

Resolution: 3.000.000d

Measurement Rate: Up to 3200 updates/sec

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: 2x RS232, 1x 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

Approvals: OIML R76 / MID R51

10000e or multirange 3x3000e (**) Single, multi-range or multi-interval

Warranty: One-year limited warranty

Standard Features and 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 Numbers

PART #	DESCRIPTION
Wall Mount, Table top and Panel Mount	
185147	WE503

Options/Accessories

PART #	DESCRIPTION
185254	Analog output 0/4-20mA, 0-10VDC
Consult	Analog input

- Consult Profibus
- Consult Profinet
- Consult Ethernet/IP
- Consult EtherCAT
- Consult CANOpen
- Consult DeviceNET
- Consult Modbus TCP