

Weighing Terminal - W&M Approved, for User-friendly and Economical Parts Counting and Weighing Systems in Goods-in, Stock, Production and Dispatch Areas



IT4000E *BASIC/COUNT* is a W&M approved weighing terminal for capturing of weights, parts counting and checkweighing by weight or piece count.

Operator prompting with **clearly structured menus** on color screen with soft keys ensures fast and error-free operation.

Up to two scales of any type may be connected to the terminal, eg floor, bench or precision scales.

Parts count is calculated based on **preset reference weights** or by placing reference parts on the weigh platform.

Parts can be counted by **adding parts** into an empty container or by **removing parts** from a filled container.

The bargraph display with changing colors shows the approximation to a chosen target value for checkweighing or counting.

High resolution and fast signal processing of the IT4000E BASIC/COUNT enables a rapid and precise parts counting operation.

Several taring options are available, eg for the manual or automatic capturing of pallet / container tare or taring of intermediate layers.

Apart from piece count and weight all other application-relevant data can be captured via keyboard entry or scanner.

Data recording can be on strip, label or protocol printers. **Print format is configurable.** Optionally, all data can also be transferred to a host computer.

Operating modes:

- Weighing
- Counting
- Totalizing
- Plus / minus checkweighing.

Operation:

- Simple and fast operation via numeric keyboard and soft keys
- High-contrast, bright color TFT screen
- Input, print and data transfer of application-specific information, such as order number or operator ID is possible
- Operator prompting in English, French and German (other languages on request).

Typical operation sequence:

- Entry of additional data, eg order-No. and shift-No.
- Entry of article ID
- Put empty container on scale (scale will tare automatically)
- Put 10 reference parts on scale for capturing of average piece weight
- Display of count and weight, fill container with required quantity and confirm
- Automatic piece count and weight capture, printout on weightticket
- Remove container from scale, automatic continuation with next container.

Special functions:

- Automatic piece weight enhancement
- Automatic taring when min. load is exceeded
- Calibration with test weight
- Statistical functions
- Function to cancel items, etc.

Files:

- 10 articles with number, name, reference weight
- 10 tare memories with name and tare weight
- Memory for transactions and statistical data.

Recording:

- Protocol, label, files and totals
- Print format configurable on PC.

Security:

- Data is retained in the event of power loss
- Password protection
- Battery-backed realtime clock.

Weighing electronics:

- Integrated signal amplifier for connection of up to 16 strain gauge loadcells each in 4- or 6- wire mode
- Calibration as single or multiple-range and as single or multi-interval scale
- W&M approved resolution of 6,000d with a maximum preload of 80%, 524,000d internal resolution
- Connection of platform with digital force transducer or precision scale (option).

Ethernet interface (option: WLAN):

Integrated Ethernet interface with configurable IP address, web server for simplified data exchange in the PC network.

Integrated USB interface (option):

To connect printer, scanner, PC keyboard or to store weighing data on USB stick.

Electrical connections:

115 (-15%) – 240 (+10%) VAC;
50/60 Hz, option: 12–30VDC,
power consumption max. 20 VA.

Operating temperature:

-10°C to +40°C, max. 95% relative humidity, non-condensing.

Accessories:

- Barcode reader for data capturing
- Protocol / label printer.

Printing example:



Construction:

Desk/wall version



- Stainless steel housing, IP65
- for desk-top or wall-mount installation or with optional column for floor mounting
- Dimension WxHxD: 330x239x134mm

Panel-mount version



- Stainless steel housing, IP65
- panel-mount installation
- Dimension WxHxD: 285x224x69mm
- Cut-out in panel: 268x207mm

Display / operation

Parts counting

W1		Max 60 kg	e-d= 0.01 kg
1252 Stk		Min 0.20 kg	
Tare		0.00 kg	
Article-No 1	uRef.	14.9556 g	
1234F Bolts 8mm	nRef.	10 Stk	
Parts Counting		Sum	10869 pcs
Start 10		AUTO	74.88 kg
ID	Article	Tara+	Sum
Print			

Display of all relevant data,
simple operation with soft keys

Plus / minus checkweighing

W1		Max 60 kg	e-d= 0.01 kg
1252 Stk		Min 0.20 kg	
Tare		0.00 kg	
Article-No 1	uRef.	14.9556 g	
1234F Bolts 8mm	nRef.	10 Stk	
Target	1300		
+/- Check		Sum	10869 pcs
Start 10		AUTO	74.88 kg
ID	Article	Tara+	Sum
Print			

Filling to target
with bargraph display

Directives: 2009/23/EG, 2004/108/EG,
2006/95/EG, 2004/22/EG

EC approval as non-automatic weighing instrument

ETL certified in compliance with UL 60950-1 and CSA C22.2 No. 60950-1

Standards: EN 45501, OIML R76-1,
EN 61000-6-2, EN 61000-6-3,
NAMUR NE21, EN 60950

EMI compliance with FCC Part 15