

Weighing Terminal for Truck Scales. Weights and Measures approved. Simple and fast operation with clear operator prompting. With ONLINE PC Interface



IT8000E TRUCK/ONLINE is a weighing terminal for truck scale applications providing an economical and user-friendly weigh station.

The compact and robust construction in **stainless steel (IP65)** allows the use under difficult operating conditions. The terminal is desk or wall mounted.

Fast and simple operation

An intelligent program with clear operator prompting ensures fast and error-free operation. Weight and associated data are fully captured and documented on a weight-ticket.

Weightticket

The weightticket contains date, time, vehicle registration-No., first and second weights and net weight, product-No., customer-No. and address and additional data.

Because of **Weights and Measures approved storage** of the first weighing, the weightticket is only printed when the truck returns for the second weighing.

This simplifies and speeds up the transaction. The print format can easily be adapted to existing formats.

Data files

Extensive memory capability allows the storage and maintenance of address, product and vehicle files.

Weighbridges

The weighing terminal can be connected to one or two weighbridges with a total of up to 16 loadcells. A facility for selecting individual weighbridges or combining both bridges is provided.

ONLINE operation

In **ONLINE** mode operation is PC-controlled. The terminal captures the weights and stores them in a W&M approved data archive.

Options

Control of two traffic lights, data transmission to host system, remote display, card reader or transponder system.

Universal use:

IT8000E TRUCK/ONLINE can operate with a multitude of weighbridges/loadcells up to a capacity of 300t in W&M approved applications.

Operating modes:

- **First weighing** with approved storage of gross or tare weight against a 2-digit ID
- **Second weighing** capturing of gross or tare weight and automatic calculation of net weight or with automatic net weight calculation using prestored vehicle tare weight
- **ONLINE mode** with full remote control from PC. Data logging and storage of W&M approved weights in the weighing terminal.

Simple and secure operation:

Operator is guided on a high-contrast color TFT display. Data entry is via alphanumeric tactile acid-resistant membrane keyboard and soft keys or optional full-size PC keyboard.

Security:

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

Typical weighing cycle:

- Select **first weighing**
- Enter license plate number
- Enter additional data, eg product number or operator ID
- Weighing with ticket print and storing of first weight against a 2-digit number
- Select **second weighing**
- Enter 2-digit number of first weighing
- Weighing of second weight with net weight print.

Data files:

- 99 first weights
- 500 addresses (4 lines each)
- 200 vehicle registration numbers (12 characters plus tare weight)
- 300 product IDs (14 characters each)
- max. 120,000 entries in W&M approved data archive for later audits
- 600 entries in event/error log file.

Data logging:

- Printout of weighttickets and files
- To file (internal or USB stick).

Weighing electronics:

- Integrated signal amplifier for connection of up to 16 strain gauge loadcells 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 max. preload of 80%, 524,000d internal resolution
- Option: Connection of digital loadcells.

Ethernet interface:

Integrated Ethernet interface with selectable IP address for data transmission and remote diagnosis over Internet.

Serial interfaces:

- for printer (option)
- for data transmission to PC (option)
- RS232, 20mA CL or RS485 selectable, protocol / baudrate configurable.

Integrated USB interface (Option):

for connection of PC keyboard, scanner, printer or USB Stick.

Digital interfaces:

4 opto-isolated inputs/outputs (24V) for traffic light control.

Electrical connections:

110 (-15%) – 240 (+10%) VAC, 50/60 Hz, option: 12 – 30VDC, power consumption max. 20VA.

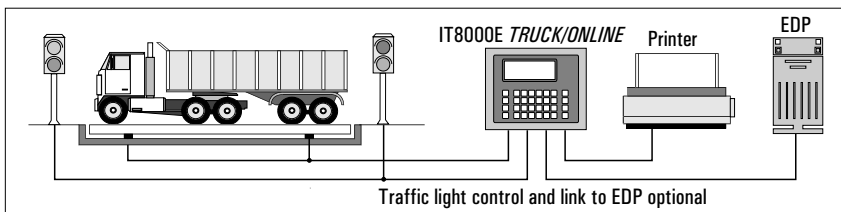
Operating temperature:

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

Accessories:

- Transponder card system
- External alphanumeric keyboard
- Second operator panel.

Connecting diagram:



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 fascia plate protected to IP65
- Panel-mount installation
- Dimension WxHxD: 285x224x69mm
- Cutout in panel: 268x207mm

Display / operation:

Second weighing

W1	Max 50000 kg Min 400 kg	e=± 20 kg
W1	20280 kg	
Tare	0 kg	
First weight	Second weight	Net weight
10600kg	20280kg	9680kg
Truck XXX 1111	New Construction Company Inc.	
Prod. Silica sand	19 Main Street	
ID1 Building lot 1	Edison, NJ 08837	
ID2		
Second weighing		
Product	ID1	ID2
	Address	Print
		Return

Entry of data for second weighing, display of first weight and net weight

File select menu

W1	Max 50000 kg Min 400 kg	e=± 20 kg
W1	0 kg	
Tare	0 kg	
Settings\Files		
1	Address file	
2	Products	
3	Trucks	
		Exit

Clearly structured menus for selection of files

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



EC-approval as non-automatic weighing instrument



ETL-certified in accordance 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