

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



**IT4000E 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 weightticket.

### **Weightticket**

The weightticket contains date, time, vehicle registration-No., first and second weights and net weight, product-No. 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**

Storage and maintenance product and vehicle data.

### **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 or remote display.

### Universal use:

IT4000E 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. Numeric keyboard with multiple key assignment for the entry of alphanumeric data, 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
- 10 vehicle registration numbers (12 characters plus tare weight)
- 10 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.

### 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 or printer.

### 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.

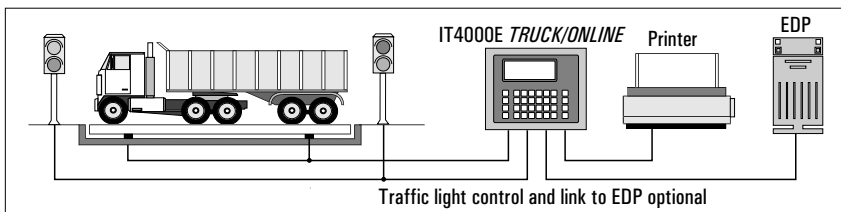
### Operating temperature:

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

### Accessories:

- Remote display
- External alphanumeric keyboard.

### 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	e=ds= 20 kg
	Min 400 kg	
16960 kg		
Tare	0 kg	
First weight	Second weight	Net weight
9300kg	16960kg	7660kg
Truck XXX 1111	Prod. Pea gravel	
Second weighing		
Product	Print	Return

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

#### Data entry window

W1	Max 50000 kg	e=ds= 20 kg
	Min 400 kg	
0 kg		
Tare	0 kg	
Settings\General		
Date	11-11-11	
Time	11:32	
Ticket-No.	1	
Minimum load	400kg	
With printer?	Y	
Data transmission?	N	
▼ Password		
	Exit	

Clearly structured menus for data entry

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