

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



IT8000 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, order-No., customer-No. and address, haulier name 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 product, customer, supplier, haulier and vehicle files.

Weighbridges

The **IT8000 TRUCK/ONLINE** terminal can be connected to one or two weighbridges with a total of 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:

IT8000 TRUCK/ONLINE can operate with a multitude of weighbridges/loadcells up to a capacity of 200t. A maximum of 16 strain gauge loadcells can be connected (eg 2x8 or 1x16 loadcells). Two weighbridges can be used separately or combined.

Operating modes:

- **First weighing** with approved storage of gross or tare weight against a 2-digit ID
- **Second weighing** capturing gross or tare weight and automatic calculation of net weight
- **Single-pass weighing** 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:

Clear operator prompting via high-contrast alphanumeric display, data entries via robust tactile alphanumeric keyboard.

Typical weighing cycle:

- Select **first weighing**
- Enter vehicle registration number
- Enter customer, supplier or haulier number
- Enter additional data, eg product number or operator ID
- Weighing with ticket print and storing 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.

If vehicle registration is entered at first weighing, ticket is printed after second weighing and first weight is recalled with the vehicle registration-No.

Data files:

- 100 first weights
- 300 addresses (4 lines each)
- 50 haulier names (24 characters each)
- 100 vehicle registration numbers (10 characters plus tare weight)
- 200 product IDs (24 characters each)
- Max. 375,000 entries in W&M approved data archive for later audits.

Data logging:

- Formatting of printout via keyboard
- Printout of weighttickets and files.

Security:

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

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
- Weights and Measures approved resolution of 6,000d with a max preload of 80%, 524,000d internal resolution.
- Option: Connection of digital loadcells.

Serial interfaces:

- For printer, protocol EPSON or TTY
- For data transfer to PC (option)
- RS232, 20mA CL or RS485 selectable, protocol / baudrate configurable.

Ethernet connection:

Optional built-in Ethernet interface.

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. 25VA

Operating temperature:

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

Accessories:

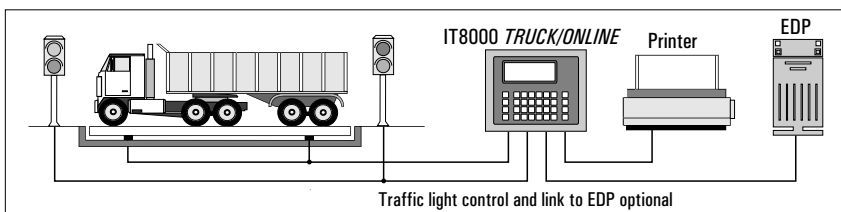
- Transponder card system
- External alphanumeric keyboard
- Second operator panel.

Ex version (option):

Model IT8000Ex with ATEX approval for installation in hazardous area, zone 1 (gas) or zone 21 (dust), with limited interface options (see IT8000Ex leaflet).

Model IT8000 Ex2/22 with ATEX approval for installation in hazardous area, zone 2 (gas) or zone 22 dust).

Connection diagram:



Construction:

Desk / wall version



- Stainless steel housing, IP65
- Available for desk-top or wall-mount installation or with optional column for floor mounting
- Dimensions WxHxD: 260x210x135mm

Panel-mount version



- Stainless steel housing, fascia plate protected to IP65
- Panel-mount installation
- Dimensions WxHxD: 260x215x70mm
- Cut-out in panel: 243x198mm

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

EC approval as non-automatic weighing instrument

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

Russia: Approval as non-automatic weighing instrument

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

NTEP approval as non-automatic weighing instrument

EMI compliance with FCC Part 15

Ukraine: Approval as non-automatic weighing instrument

Mesures Canada: Approval as non-automatic weighing instrument