

DFWATEX

DFW "ATEX2GD": WEIGHT INDICATOR FOR ATEX 1 & 21 ZONES



Weight indicator for areas classified as hazardous with protection methods according to:

ATEX II 2(2)G Ex ib [ib Gb] IIC T4 Gb for gases,
ATEX II 2(2)D Ex tb [ib Db] IIIC T197°C IP65 Db for dust.

Ideal for creating weighing systems, batching, and automation systems. EC-Type-Examination certificate according to Annex III (ATEX directive). CE-M approvable (OIML R-76 / EN 45501).

**The best solution
for advanced industrial
applications**

MAIN FEATURES

- Waterproof 17-key numerical and functional keyboard.
- LCD display with 6 25-mm high contrast digits, clearly visible even in poor lighting conditions and with low temperatures, and with 6 LEDs for showing the active functions.
- IP65 and IP68 satin finish stainless steel case.
- Dimensions 264x174x115mm.
- Suitable for use on the table, or wall.
- Up to 3000e or multi range 3000+3000e in CE-M approved version for legal for trade use. Note: For applications approved Multi Range or up to 10,000e use the indicator DEWIECEX.
- Up to 1.000.000 displayable divisions with internal resolution up to 3.000.000 points.
- Up to 8 signal linearization points with DINITOOLS (3 from keypad).
- A/D 24-bit sigma-delta conversion, up to 200 conv./sec. autoselect.
- Digital calibration and set-up from keyboard; Instrument management & configuration from PC with DINITOOLS.
- Power supply through external module: with optional battery pack; or with optional power adapter connectable to mains at 230 Vac or at 24 Vdc.
- Connection with up to 4 load cells having 350 Ohm input resistance.

MAIN CERTIFICATIONS

- OIML R76
- Australian legal for trade certificate of approval (NMI S788)

I/O SECTION (ONLY WITH THE DFWATEX2GDIO MODEL)

- Fiber optic bidirectional port for connection with printer, labeller, PC, or PLC in safe area.
- 4 logic inputs and 4 barriered digital outputs, connectable to other intrinsic safety devices in a hazardous area (only with the DFWATEX2GDIO version combined with PW200XRDxxx and PW200IO options).

FUNCTIONS

- SCALE FUNCTIONS

- Zeroing
- Automatic Tare
- Presetable Tare
- ID1 and ID2 10-digit Codes
- Print and data transmission commands
- selectable function command
- on/off switching.

- SELECTABLE FUNCTIONING MODES

- High Resolution Weighing x 10
- Net/Gross or lb/kg conversion
- Accumulation
- Formula weighing
- + / - Checkweighing
- Counting (Max. resolution of 1.500.000 divisions).
- In/Out Truck weighing
- Hold
- Peer-to-peer (up to 4 remote connectable indicators).
- Set Point Control (only in the DFWATEX2GDIO version combined with PW200XRDxxx and PW200IO options).
- MODBUS serial protocol.



DINI ARGEO
FRANCE sarl
France

DINI ARGEO
GMBH
Germany

DINI ARGEO
UK Ltd
United Kingdom

DINI ARGEO WEIGHING
INSTRUMENTS Ltd
China

DINI ARGEO
OCEANIA
Australia



COMPANY HEADQUARTERS

Via Della Fisica, 20
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 843418

SERVICE ASSISTANCE

Via Dell'Elettronica, 15
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 921784

SALES AND TECHNICAL ASSISTANCE SERVICE