

DFWATEX2GDF

"DFWATEX2GDF": INDICATOR FOR DOSAGE IN 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 automatic or semiautomatic dosage systems in loading or in unloading, or multiproduct dosages and mixtures. 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 icons for showing the active functions.
- IP65 and IP68 satin finish stainless steel case.
- Dimensions: 264x174x115mm.
- May be angled either to be set on a table or a wall.
- A/D 24-bit sigma-delta conversion with 4 channels, up to 200 conv./sec. autoselect.
- Management of a weighing system from 1 to 4 channels (cells) with digital equalization.
- Connectable with up to 4 analogue load cells with 350 Ohm input resistance.
- Up to 1.000.000 displayable divisions with internal resolution up to 3.000.000 points.
- Up to 10.000e or multirange 2 x 3000e @ 0,3 $\mu\text{V/e}$ in CE-M approved version for legal for trade use.
- Calibration, Set-Up parameters, configurable from keyboard or PC with Dinitools.
- Up to 8 signal linearization points with DINITOOLS (3 from keypad).
- Memory back-up for recording dosage data in case it's accidentally turned off.
- Printing the dosage and consumption data, en sure zone through fiber optic.
- Power supply through external power adapter PW200XRD, with PW200IO option.

MAIN CERTIFICATIONS




- OIML R76

I/O SECTION

- Fiber optic bidirectional port for connection with printer, labeller, PC, or PLC in safe area.
- 4 barriered logic digital outputs, with programmable function, for dosage system management, connectable to other intrinsic safety devices in a hazardous area.
- 4 inputs with functions dependents on the selected dosage function.

DOSAGE CONFIGURATION

- Available dosage functions:

	<p><u>Single product dosage in loading functioning</u></p>
	<p><u>Single product dosage in unloading functioning</u></p>
	<p><u>Multi-product dosage functioning</u></p>



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