

EP3GD

Stainless steel scales "Easy Pesa 3GD" series, for ATEX zones 2 and 22



Fully stainless steel bench scales, for specific use in ATEX hazardous areas. Powered by a long lasting rechargeable battery which allows an easier installation directly where it's needed. These scales don't need a power supply socket in dangerous zone nor ATEX proof power supply cables. Provided with ATEX declaration of conformity. Ex II 3G IIC T6 Gc X and Ex II 3D IIIC T115°C Dc X.

Working in cooperation with:

PENTIMEX S.R.O.

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**The best solution
for advanced industrial
applications**

PLATFORM FEATURES

- Approved "single point" STAINLESS STEEL load cell according to OIML R60 standards with protection against dust and water splashes according to IP67 standards.
- ATEX approved load cell with ATEX protection:
ATEX II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) Ga.
ATEX II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) Da IP65
- Structure, enclosure and loading plate made in AISI304 satin finish stainless steel.
- Adjustable levelling feet with plastic over shoe.
- Supplied with support column, height:
 - 500 mm in the "Q" models;
 - 700 mm in the "X" models.

WEIGHT INDICATOR FEATURES

- IP68 Weight indicator for ATEX areas with protection methods according to:
ATEX II 3G Ex nR IIC T6 Gc X for gases.
ATEX II 3D Ex tc IIIC T130°C Dc IP68 X for dust.
- EC-Type-Examination certificate according to Annex III (ATEX directive). CE-M approvable (OIML R-76 / EN 45501).
- Waterproof 17-key numerical and functional keyboard.
- Backlight LCD display with 6 25-mm high contrast digits, clearly visible even in poor lighting conditions and with low temperatures.
- Up to 10.000e or multirange 3 x 3000e @ 0,3 µV/d in CE-M approved version for legal for trade use.
- Up to 1.000.000 displayable divisions with internal resolution up to 3.000.000 points.
- A/D 24-bit sigma-delta conversion, up to 200 conv./sec. autoselect.
- Power supply through external battery pack with 100h operating time. It's possible to buy another battery pack for continuous use (24/7).
- Charger included in the supply.

SCALE FUNCTIONS

- SCALE FUNCTIONS
- Zeroing
- Automatic tare
- Presetable tare
- Selectable function command
- On/off switching.

SELECTABLE FUNCTIONING MODE

- High Resolution Weighing x 10
- Net/Gross or lb/kg conversion
- Weight totalization
- Formula weighing
- +/- Checkweighing
- Counting (Max. resolution of 1.500.000 divisions)

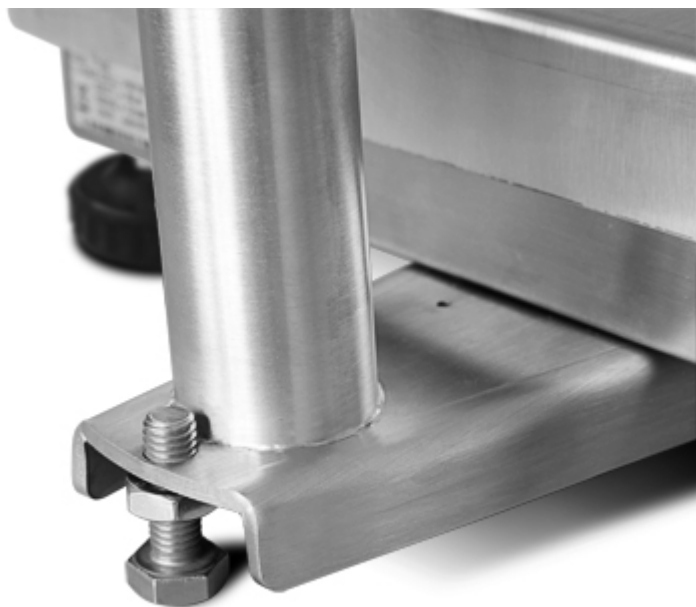
DETAIL 1



DETAIL 2



DETAIL 3



VERSIONS

Available versions

| Codice | Piatto Max (mm) | Max (kg) | d (g) | M (g)* | M 2R (g)* | d HR (g)* |
|--------------------|--------------------|-------------|----------|------------------|---------------------|--------------|
| EPQI3GD15B | 400x400 | 15 | 2 | 5 | 2/5 | 1 |
| EPQI3GD30B | 400x400 | 30 | 5 | 10 | 5/10 | 2 |
| EPQI3GD60B | 400x400 | 60 | 10 | 20 | 10/20 | 5 |
| EPQI3GD150B | 400x400 | 150 | 20 | 50 | 20/50 | 10 |
| <u>EPXI3GD60B</u> | 600x600 | 60 | 10 | 20 | 10/20 | 5 |
| <u>EPXI3GD150B</u> | 600x600 | 150 | 20 | 50 | 20/50 | 10 |
| <u>EPXI3GD300B</u> | 600x600 | 300 | 50 | 100 | 50/100 | 20 |

(*) These divisions are obtainable only with the relative options



www.diniargeo.com



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SALES AND TECHNICAL ASSISTANCE SERVICE