DINI ARGEO
Scales - Weighing systems

3590EGT3GD

3590EGT "GRAPHIC TOUCH" 3GD: TOUCH SCREEN INDICATOR FOR ATEX 2 & 22 ZONES



Ex 3GD

OIML R76 Approved

Freely Programmable

Weight indicator with a big touch screen display, suitable for advanced industrial applications in ATEX areas classified at risk of explosion with protection methods according to
ATEX II 3G Ex nR IIC T6 Gc X
ATEX II 3D Ex tc IIIC T135°C Dc IP68 X.
Fitted with programmable inputs and outputs, 3 serial ports, completely configurable printouts, and integrated alibi memory. CE-M approvable (OIML R-76 / EN 45501).

Working in cooperation with:

SC DATA SPEED SRL

STR DONATH N. 115/33 - 400331 - JUD. CLUJ
Tel. 0040-264566473 Fax. 0040-364-815440
office@cantare.com.ro

The best solution
for advanced industrial
applications

MAIN FEATURES

- Backlit graphic display with touch screen technology, lxh= 120x90mm size.
- Multilanguage software.
- 15-key alphanumerical waterproof keyboard.
- 3-way control light.
- QWERTY keyboard integrated in the touch screen.
- Stainless steel waterproof IP68 enclosure, with new IP68 protection system.
- Dimensions: 280x143x185 mm.
- Suitable for use on the table, column, or wall.
- Real time clock and permanent data storage.
- Fitted alibi memory, integrated on the motherboard.
- Slot for built-in micro SD for recording the configuration, logos, and customized screens (upon request).
- Functions available with DINITOOLS utility
  - Configuration, data entry and print formatting.
  - Recording and filing of all the information on PC.
  - Complete retrieval of the configuration.
  - Instrument calibration with numeric values.
  - Customization of the screens.
- 24-bit A/D converter, 4 channels, up to 3200 conv./sec. and up to 8 signal linearisation points.
- 4 independent analogue channels for reading of the weight.
- Connection with up to 16 analogue load cells of 350 Ohm (45 load cells of 1000 Ohm).
- Up to 10.000e OIML or 3 x 3000e @ 0,3 µV/d CE-M legal for trade.
- Up to 1.000.000 displayable divisions for internal factory use, with internal resolution up to 3.000.000 points.
- Connectable to printers and labellers with free programmation of the printout formats.
- 110-240 Vac power supply.

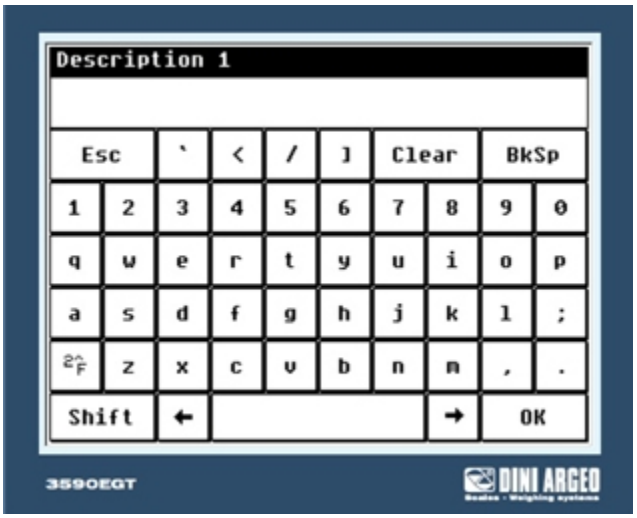
MAIN CERTIFICATIONS

- EC Type Approval (EN45501)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)

I/O SECTION

- Two RS232 serial ports, for connection to printer, radio module, PC or PLC, badge reader or remote scale.
- One RS232/RS485 serial port, for connection to printer, PC, PLC, or digital load cells.
- 4 optoisolated outputs.
- 2 optoisolated inputs.
- Profibus interface to install in safety zone.

DETAIL 1



QWERTY keyboard integrated into the Touch Screen display.

DETAIL 2



3590EGT3GD: view of the back fitted with PC serial port protected by cap, fairlead for platform and 5 holes at disposal.

www.diniargeo.com



DINI ARGEO FRANCE sarl
Nogent-sur-Marne

DINI ARGEO GMBH
Sinsheim - Germany

DINI ARGEO UK Ltd
Taunton - United Kingdom

DINI ARGEO WEIGHING INSTRUMENTS Ltd
Shanghai - China

DINI ARGEO WEIGHBRIDGES
Calto (RO) – Italy

DINI ARGEO
Scales - Weighing systems

HEAD OFFICE
Via Della Fisica, 20
41042 Spezzano di Fiorano Modena - Italy

ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE