DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

3590EGT3GD

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

Weight indicator with a big touch screen display, for ATEX 2 & 22 areas classified at risk of explosion. Protection methods according to ATEX II 3G Ex nR IIB T6 Gc X for gases
ATEX II 3D Ex tc IIIC T85°C Dc IP68 X for dust.
Suitable for advanced industrial applications, it's fitted with 3 serial ports, configurable printouts and integrated alibi memory. CE-M approvable (OIML R-76 / EN 45501).

The best solution for advanced industrial applications

MAIN FEATURES

- 5,7' colour touch screen display
- Multilanguage software
- 15-key alphanumerical waterproof keyboard
- 3-way control light
- Selectable QWERTY, AZERTY o QWERTZ keyboard integrated in the touch screen
- Stainless steel waterproof enclosure, with new IP68 protection system
- Dimensions: 280x143x185mm
- 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/e 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
- Power supply from 110-240Vac line or external rechargeable battery (recharge in safety zone).

MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)
- Australian legal for trade certificate of approval (NMI S788)

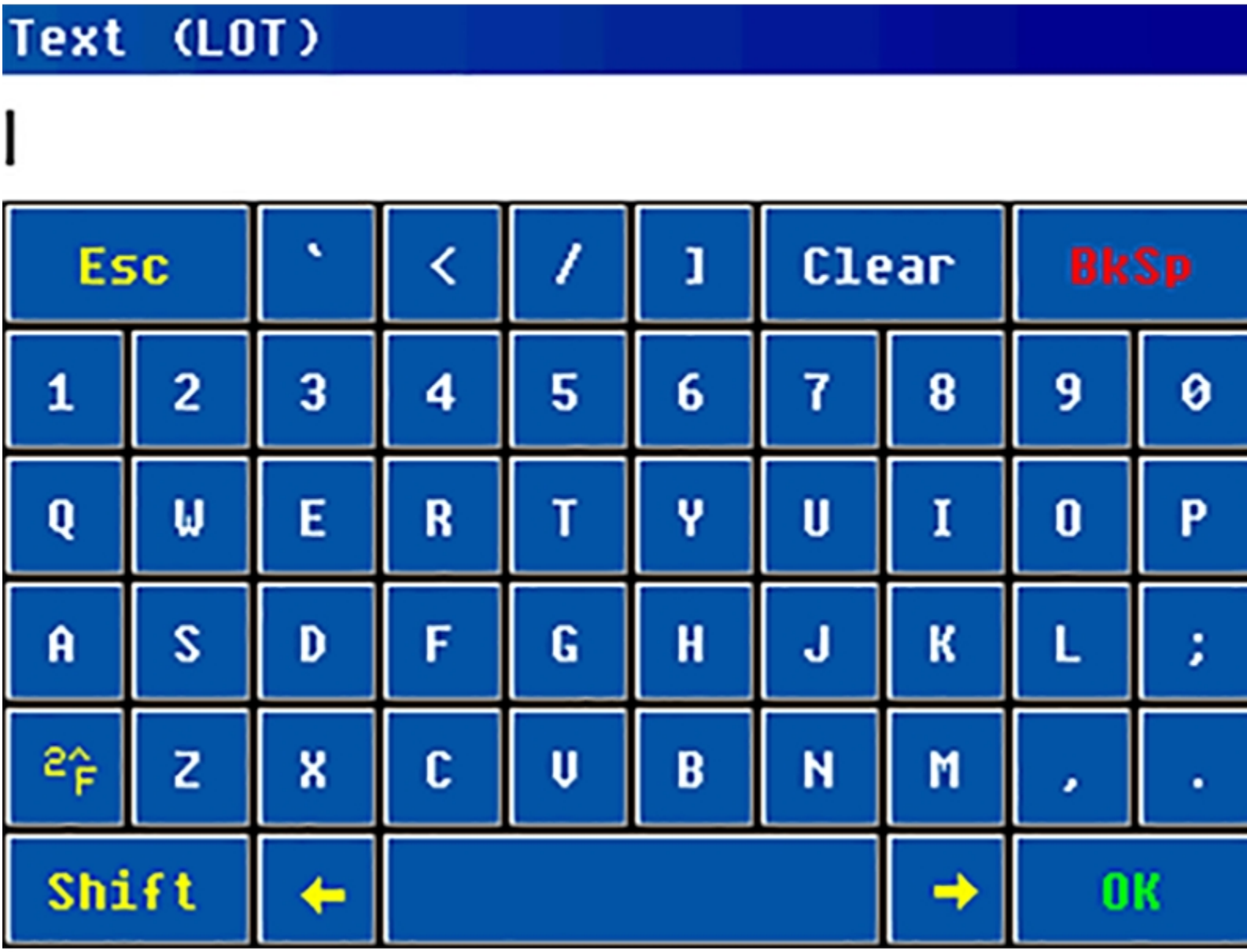
APPLICATION SOFTWARE

- AF01: Totalization and formula weighing (integrated)
- AF02: Pieces/quantity counting (optional)
- AF03: Weighbridges - Input/Output vehicle (optional)
- AF04: Statistical checking of prepackaged goods (optional)
- AF05: Price compunting and industrial labelling (optional)
- AF08: Wheel and axle static weighing with 2 or various platforms (optional)
- AF09: Software for dynamic and static axle weighing with 1 or 2 platforms (optional)
- BATCH1: Single product dosage systems in loading and unloading (optional)
- BATCH: Software for multicomponent dosage systems in loading and unloading (optional, IOEXPB board must be included)

I/O SECTION

- Two RS232 serial ports, for connection to printer, radio module, PC or PLC, badge reader or remote scale.
- One RS485/RS232 serial port, for connection to printer, PC, PLC, or digital load cells.
- 4 optoisolated outputs, up to 16 with optional board.
- 2 optoisolated inputs, up to 8 with optional board.
- Profibus or Modbus/TCP interface to install in safety zone (optional).
- External Profinet, Ethernet/IP, EtherCAT, CANopen and DeviceNet interface to install in safety zone. (optional, only with standard AF01 weighing program).
- Modbus RTU Interface.
- Analog output DAC16O needs the expansion board IOEXPB.

DETAIL 1



QWERTY keyboard integrated into the Touch Screen display.

www.diniargeo.com

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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.