DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

# 3590ETKR_OLD20190819

## 3590ETKR "TOUCH": Touch Screen weight indicator with transport case



Digital weight indicator with a big touch screen display, suitable for the weighing of vehicles, planes and objects with multiple points of support. It allows the visualization of all the weighing data and the customization of the screens, simplifying the user operations. Fitted with 3 serial ports, transmission protocols for data communication, completely configurable printouts, integrated alibi memory, and port for connection to barcode/badge reader. CE-M approvable (OIML R-76 / EN 45501).

**The best solution for advanced industrial applications**

## MAIN FEATURES

- ABS transport case, with housing for the indicator and space for extra accessories.
- 3590ET series indicator fit in a metallic rack type involucre with dimensions of 270x440mm, complete of housing for printer, connectors for platforms, and serial output on 9-pole connector.
- Backlit graphic display with touch screen technology, lxh= 120x90mm size. Screens completely customizables.
- Multilanguage software.
- QWERTY, AZERTY o QWERTZ keyboard integrated in the touch screen, selectable.
- Dimensions: 325x460x170 mm. Weight: about 5kg.
- Fitted with attached thermal printer.
- 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 (up to 2 in the E-AF03 version) 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.
- Power supply through built-in rechargeable battery, the operating time is of about 10 hours.

## CUSTOMISED APPLICATIONS

Thanks to our integrated development, you can create complete customised applications in autonomy:

- wizards, operator messages
- serial port management, protocols customization
- digital I/O full management
- sequential or simultaneous automations
- data entry, custom archives

Dini Argeo can offer the service of custom development programs.

## I/O SECTION

- Available on panel:
  - One RS232 serial ports, for connection to PC, on 9-pole connector.

- Available on internal side:
  - 1 RS232 serial ports, for connection to printer, radio module, PC or PLC, badge reader or remote scale.
  - 1 RS232 serial port (optional RS485), for connection to printer, remote scale, badge reader, or digital load cells.
  - Fitted keyboard emulation input, for barcode/badge readers or external PC keyboard, through cable with mini DIN connector (optional).
  - Up to 4 optoisolated outputs (optional).
  - Up to 2 optoisolated inputs (optional).

## COMPLETELY CUSTOMIZABLE SCREENS

- Thanks to the programmable Touch Screen Display, you can create custom-made interfaces for any application:



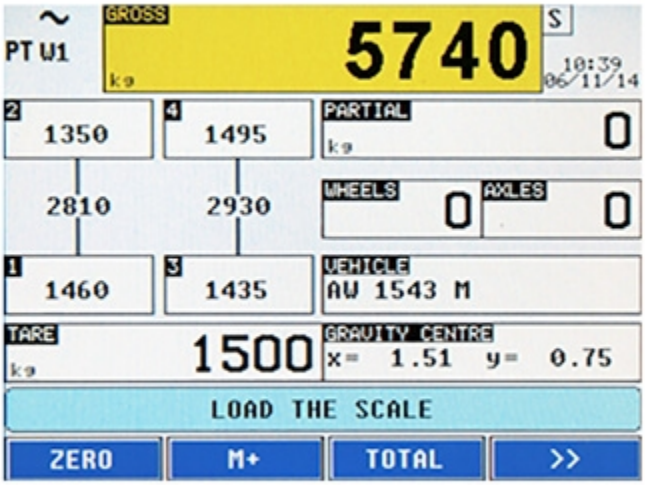

- The "Dini Display Tool" is a PC software which allows you to quickly customize the TOUCH SCREEN.



## MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)

## DETAIL 1




3590ETKR - 4 platform display example (AF08 software)

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*SALES AND TECHNICAL ASSISTANCE SERVICE*

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