EPELSA

MULTIFUNCTION INDICATOR

TIGRIS E

LED DISPLAY
PLATFORM VERSATILITY
RS232 COMMUNICATION
INTUITIVE OPERATION

Model
TIGRIS E

CERTIFIED BY GRUPO EPELSA SLU

CE M

Multifunction indicator

TIGRIS E

TIGRIS E
INDICATOR

Versatility in platforms
These indicators are designed to work with any weighing platform, whether they are table top, floor mounted, recessed,... among others.

Main functions:
Standard weighing functions such as zero, tare, accumulation, printing, peak value and animal weighing.
Ticket printing options with date, time, net weight, tare and gross weight.

Technical Parameters:

EU approved to 10,000 divisions.
Wide range of capacity and resolution.
AC power and battery option for mobility**.**

Intuitive Basic Operation: Easy-to-understand display panel and keypad.
Simple push-button power on/off**.**

Advanced Communication:
RS232 communication interface for connection to external devices.
Communication protocols for remote RP/RPI displays and ticket formats for printing.

Characteristics

Type	Industrial visor
Material	Stainless steel
Divisions	Approved to 10.000 divisions (and 2 ranges up to 5.000 divisions).
Connections	RS-232 channel for PC or printer (different ticket formats).
Protection	IP 64
Battery	Internal 6V4Ah lead battery, with up to 30 h of autonomy.
Dimensions	20,4 x 14,4 x 7,8 cm Packaging: ~28x25x19 cm
Weight	2Kg

General feactures

Characterised by its LED indicator light and detailed panel display. Indicated for applications that require a greater focus on real-time display and offers an internal resolution of 2,000,000 points, with a maximum adjustment (internal use) of 50,000 divisions and approval up to 10,000 divisions distributed in 2 ranges of up to 5,000 divisions.

The Trigris E Industrial Indicator stands out for its rugged AISI-304 stainless steel housing, with IP-64 protection rating, offering durability and reliability in industrial environments. Designed for wall or column mounting, it features 7 membrane keys, including ON/OFF function. The display is a 6-digit 20 mm LED display in red colour.

This versatile indicator provides easy metrological access from inside the housing and is easily installed thanks to its stainless steel bracket for column and/or wall mounting. With a maximum sensitivity of 1 μV/division and 5 Vdc load cell power supply, it allows the connection of up to 4 x 350 Ω (or 8 x 700 Ω) load cells. In addition, it incorporates an internal 6V4Ah lead-acid battery, with autonomy of up to 30 hours.

It offers various connectivity options, including an RS-232 channel for connection to a PC or printer with various ticket formats. Maintenance is minimal, limited to cleaning as required. This indicator is the ideal solution for demanding industrial environments that require accuracy and reliability.

LM Platform

The Tigris E Indicator stands out for its versatility as it is compatible with any EPELSA platform. However, when integrated with the LMI and LM platforms, it undergoes a transformation into a uniquely industrial ensemble called "Explorer". This combination offers a comprehensive solution that goes beyond the individual capabilities of the Tigris E indicator. By adapting these platforms, the Explorer not only ensures functionality, accuracy and versatility, but also adds an aesthetic component with its paintwork and provided by the stainless steel case. This synergy between the Tigris multifunction indicator and the LM and LMI platforms represents a leading choice in the creation of industrial solutions adapted to various needs and environments.

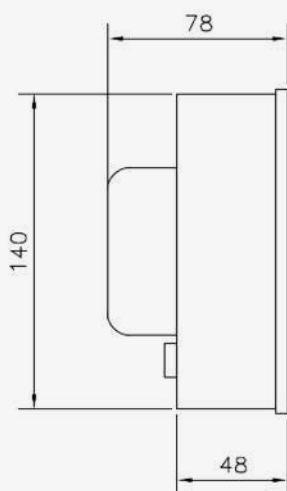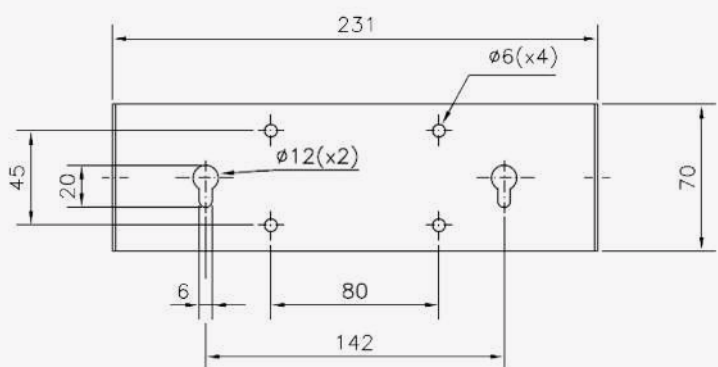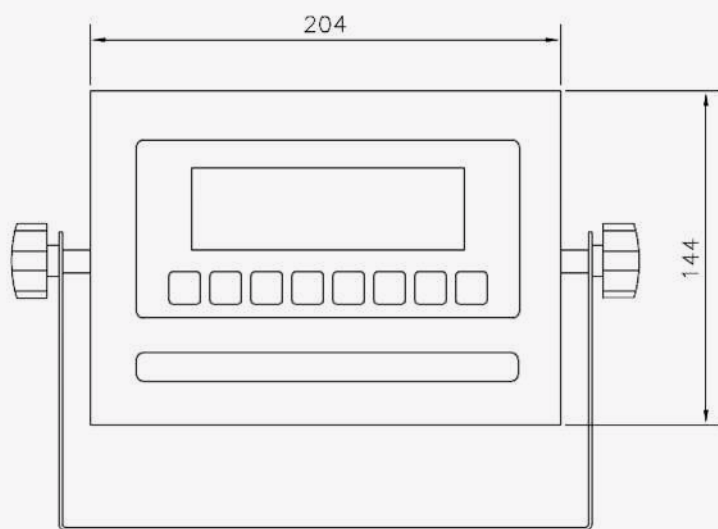Plataforma LM pintada sin funda

Plataforma LM con funda

Plataforma LM y columna para visor

TIGRIS E
INDICATOR

Technical drawings

Technical data

Technical characteristics

» Maximum number of approved scale intervals n ≤ 10000
» Minimum input voltage per check scale interval 1 μV /e
» Input signal voltage -5~20mV DC
» Excitation circuit 5 V DC
» Minimum load cell impedance 87 Ω. Connection of up to 4 load cells of 350Ω.
» AC power supply AC100~240V, 50-60Hz
» Power consumption: 11 W max. (with 4 load cells of 350 Ω).
» Lead-acid battery 6V4Ah or Li-battery 7.4V4Ah 30h
» Ambient temperature - 10 °C ~ + 40 °C
» Humidity ≤85% RH

SOFTWARE

» Tare weight and weight accumulation/printing only.
» Piece counter.
» Over/Under with buzzer.
» Maximum Value Detection.
» Weighing of live animals and/or pets.
» Weight tracking in ADC conversion.
» Date and Time format programming and Date printing format.
» Communications by RS-232 channel for Printer, Computer (Standby Request, Each Conversion or Key Reception) or Repeaters (RP/RPI and RP66 Range).
» Language selection for printed texts.

Supported peripherals

» Connectable printers:
- EPSON TM-U220D
- Generic-IBM Compatible
» REPEATER
- RP-7 Repeater
- RPI-7 Repeater
- RPI-12 Repeater
- RP-66 Repeater

Certifications

Certified according to WELMEC Guide 8.8 and 2.1 and EN 45501:2015 and OIML R76-1 (2006), for non-automatic weighing instruments, No. TC12604, issued by NMi Certin B.V., The Netherlands.

References

MODEL	References
VISOR TIGRIS E	0170920000