GIROPES)
WEIGHING SOLUTIONS

GI400-EX
GI410-EX
INDICATOR
ATEX ZONES 2/22

NOW WITH EXTERNAL BATTERY

ATEX ⟨Ex⟩ OIML CE M 68 IP INOX

Weight indicator for classification 2 & 22 ATEX zones in group II, category 3.

» Zone 2: places where flammable gases or vapours are unlikely to be present or are present for short periods of time.

» Zone 22: places where combustible dust is unlikely to be present or is present for short periods of time.

Protection methods in accordance with:

» ATEX II 3G Ex nR IIC T6 Gc X (for gases)
» ATEX II 3D tc IIIC T85°C Dc IP68 (for dust)

ZONE 2

» Printers
» Spray painting plants
» Petrol stations (areas that are accessible to customers)
» Textile and dyeing plants
» Chemical industry
» Waste processing plants
» Petrochemical industry
» Pharmaceutical industry
» Plastics factories
» Furniture factories

ZONE 22

» Cereal mills
» Waste treatment plants
» Textile industry
» Chemical industry
» Waste processing plants
» Pharmaceutical industry
» Woodworking machinery
» Cereal, legume and coffee warehouses

CHECKWEIGHER

0090
0190
0255
2160

With visual value alarm

FEATURES

- » Operation in zones 2/22 via power supply
- » Operation in zone 2/22 via internal battery or removable external battery (optional)
- » 7.4V external battery with a duration of 48 hours(optional to choose at the time of order)
- » Working temperature -10ºC to 40ºC
- » Stainless steel housing
- » Reclining wall support
- » Numeric keyboard (in GI410 version) / Tare weight (Gi400 version)
- » Units: kg
- » Other features:
  - » Integrated clock and calendar
  - » Format tickets with configurable weighing code
- » Screen:
  - » Display with 6 digits of 40mm
  - » Backlight function: On/off/auto
  - » Screen colour indication with checkweigher function
- » 2 RS232 output

EXCITATION

Power Supply	**110-230V AC, 50/60 Hz 12V DC**
Minimum entrance tension for step of verification	**1µV**
Tension of dupply of the load cell	**5 VDC**
Maximum tension of range of measure	**20 mV**
Minimum tension of range of measure	**0,01 mV**
Load cell minimum	**25 Ω**
Load cell maximum	**1100 Ω**

AVAILABLE OPTIONS

INDICATOR TYPE	230V AC	12V	Indicator with internal battery 230V AC	12V
Numeric Indicator GI410i LCD IP68 ATEX	●	●	●	●
Weight-tare indicator GI400i LCD IP68 ATEX	●	●	●	●
OPTIONAL	230V AC	12V	230V AC	12V
Internal Battery	OPTIONAL →		●	●
External Battery		○		
RS485	●	●	●	●
4-20mA / 0-10V	○	●	○	
4/E 4/S relés	○	●	○	
Ethernet	●	●	○	
Memory ALIBI/DSD	●	●	●	●

○ *Choose 1 of those available*

The optional external battery must be ordered with the indicator (not compatible with internal battery). Cancels the 12V supply
See on the last page combination of possible options according to indicator.

GIROPES
WEIGHING SOLUTIONS

FUNCTIONS

» REPEATER
» PIECE COUNTING
» TOTALISATION
» CHECKWEIGHER
» NEGATIVE CHECKWEIGHER
» LIMITS
» DOSAGE

» More than 30 protocols + one customizable
» System of 2 passwords to lock out functions
» 8 format of predefined tickets and 1customizable (associated software)
» Printing configurable menu: number of copies,cutter on/off, line feed
» Watchdog system to reset automatically if the indicator gets blocked

PRINTING
» Programmer of three headings (PC), code and total

LANGUAGES
» English, French, Italian, Portuguese and Spanish

METROLOGICAL SPECIFICATIONS
» III and IIII classes
» Max. number of verification steps 6000
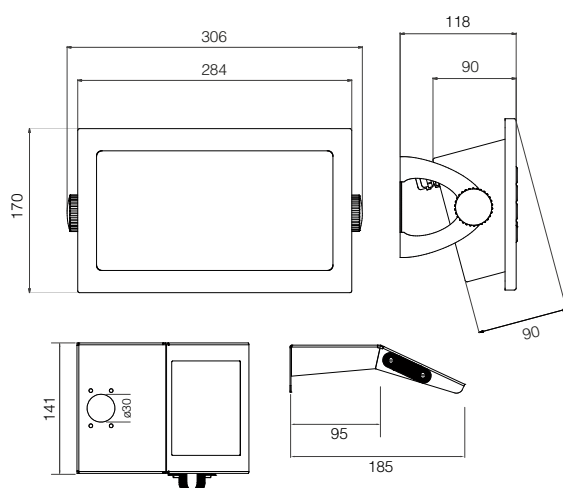» Monorange, multirange or multiinterval (n ≤ 3000, per partial range of weighing)

SOFTWARE*
» For monitoring, management and control of access to the weighing system

Gs PRO   GESTRUCK

*please contact us for more information

CABLE GLAND
FOR ATEX ZONES

*dimensions in mm

Net weight (kg)	2,6
Packaging weight (kg)	3
Packaging dimensions (mm)	370 x 230 x 125

ATEX INDICATOR SERIES

Description	Code #
Numerical Indicator GI410i LCD IP68 ATEX	210266
Numerical Indicator GI410i LCD IP68 ATEX 12V	210293
Tare-weight indicator GI400i LCD IP68 ATEX	210267
Tare-weight indicator GI400i LCD IP68 ATEX 12V	210294

In case of requiring an external battery, this must be chosen at the time of ordering, as well as the bracket. Available for 12V indicators (the optional external battery overrides the 12V mains supply) .

OPTIONAL COMPONENTS

Description	Code #
Internal battery (3.7V/5.2Ah). Lithium-ion technology	220001
RS485 Output	220002
Additional board 4-20mA / 0-10V	220003
Additional board 4/E 4/S relays	220004
Communication board - Ethernet	220005
ALIBI/DSD additional memory board	220008

230V AC indicators: You can choose Ethernet + 1 option from the following 220003 | 220004 in the same viewer configuration.
230V AC indicators with internal battery: You can choose 1 of the following options 220003 | 220004 | 220005 in the same viewer configuration.
12V indicators: You can choose 220003 | 220004 | 220005 in the same viewer configuration.
12V indicators with internal battery: You cannot use any of the following options 220003 | 220004 | 220005.
Optional components RS485 and Alibi Memory can be chosen in any case.

EXTERNAL BATTERY KITS AND ACCESSORIES

Description	Code #
External battery ATEX Zone 2/22 Pack	220039
Additional external battery ATEX Zone 2/22	220041
Wall column support pack with column adapter	220040

Available for 12V indicators. The external battery pack includes charger and hose.
The bracket pack includes the CI-300 adapter for our columns (with 4 visor bracket screws) and plastic clamp to fasten the battery adapter.