

Level gauge Electro-pneumatic, autonomous JEPA 580



- For compatible liquids (diesel, water, ...)
- Displays in cm or Volume
- For any kind of tanks
- Battery operated
- Height max.: Diesel 3 m; Water 2.5 m

APPLICATIONS

- Time to time level control on barrels, tanks (plastic or metallic one) for storing water or diesel.
- To replace a traditional air gauge type TLM

DESCRIPTION

The gauge JEPA 580 is a level indicator. It is suitable for measuring the liquid height in all forms of tanks, as well as in drums.

Default display is height in centimetres.

By programming, the volume can be displayed in litres for cubic, vertical or horizontal cylindrical, spherical, tanks.

The fluid S.G. determines the gauge model:

- JEPA 580-1 is well adapted for water or liquid with S.G. = 1
- JEPA 580-0,85 is well adapted for diesel with S.G. = 0.85

Other S.G. on request

Caution:

- **This device is not suitable for invoicing/ transactions.**
- **Suitable only to tanks at atmospheric pressure.**
- **This device is not convenient for an hazardous area , ATEX.**

A complete JEPA 580 package includes:

- An electronic case with:
 - Flexible tubing (inlet); length: 1 m
 - 1 Alkaline battery, 9 V
 - Brackets (adhesive)
- Screws and dowels for wall mounting
- Measuring tubing (3 m long) with counterweight, both compatible with diesel, and one tank connection

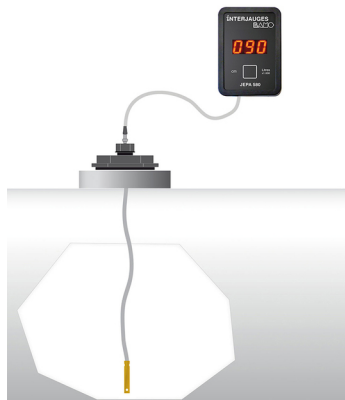
For replacement of a pneumatic gauge with pointer:

JEPA 580 is suitable for replacement of a gauge type TLM. In such a case, it is sufficient to plug the existing tubing to the JEPA 580 gauge.

See table codes and references: main unit alone with fitting 6/ 4 mm

Operation

After pressing the main button, the internal pump pushes air until bubbling occurs and creates the pressure equivalent to the height of liquid from counterweight to the liquid surface. This hydrostatique pressure is converted in height of liquid and displayed in centimetres on the screen.



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JEPA 580

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D-580.02-EN-AE

NIV

580-02/1

TECHNICAL FEATURES

Power	1 Alkaline battery, 9 V (supplied)
Display	3 digits
Accuracy	±1 cm
Case dimensions	68 x 97 x 22 mm
Protection	IP 20
Mounting	3 Brackets (adhesive) and 3 dowels, plus 3 screws (4 x 20 mm)
Ambient temperature	0... +35 °C
Fittings for tank top	Sizes: 1"½ and 2" (plastic, black) with gland for PUR tubing
Measuring tube	PUR, 4x1x6 mm; 3 m long (convenient with Diesel oil).
Counterweight	Nickel-plated brass
Output tube	Silicone 3x1x5 mm; 1 m long (supplied fitted on main unit)

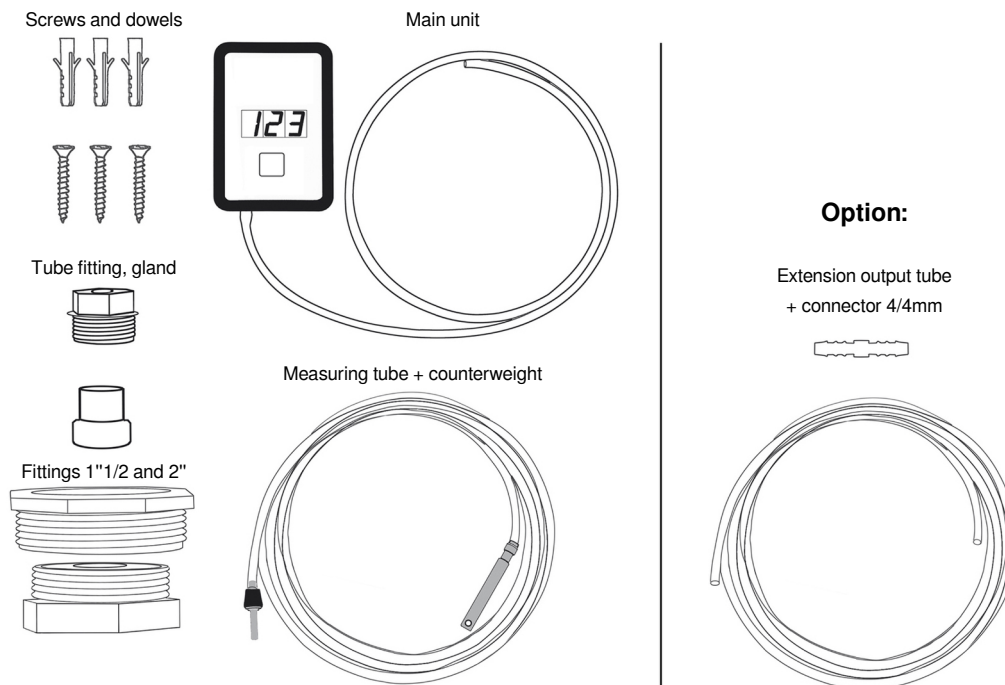
CE Conformity: EN 61 000-6-1 and EN 61 000-6 3

CODE NUMBERS AND REFERENCES

Code	References	Description
580 252	JEPA 580 - Set 0.85	Complete package Diesel (S.G. 0.85)
580 253	JEPA 580 - Set 1	Complete package for water (S.G. 1)
580 250	JEPA 580 - 0,85	Main unit alone (S.G. 0.85) with connector 6/ 4 mm
580 251	JEPA 580 - 1	Main unit alone (S.G. 1) with connector 6/ 4 mm
580 260	JEPA 580 TM/3-R	PUR Measuring tube, 3 m long + counterweight + tank fitting
580 262	JEPA 580 TM/3	PUR Measuring tube, 3 m long + counterweight
580 264	JEPA 580 R	Connectors 1" ½ and 2"
580 268	JEPA 580 TP/10	Extension silicone output tube, 3x1x5 mm (10 m long) + connectors 4/4mm
580 269	JEPA 580 TP/5	Extension silicone output tube, 3x1x5 mm (5 m long) + connectors 4/4mm

SUPPLY DETAILS

JEPA 580 Complete system



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