

Density measurement

Standardized hydrometers



Industries concerned

- Automotive
- Rail
- Marine
- Navy
- Cement plant
- Steel industry, machining
- Power production
- Mine
- Construction
- Aerospace
- Defence
- Education
- Paper mill
- Agro-Industry
- Oil and Gas
- Chemistry
- Industry
- Analysis service

To NF T60.101 - Petroleum Products

The GESERCO hydrometers allow for rapid, simple and accurate measurement of the density of any petroleum products in g/ml.

They conform to NF T60101 and are MRA traceable.

The scale of the hydrometer is marked with the Standard it conforms to, calibration temperature, surface tension, individual number of the instrument, and serial number.

They feature a benchmark engraved on the stem in order to highlight any possible displacement of the scale.

They are calibrated at 15°C and designed for the density determination of fluids having low surface tension (16 to 35 mN/m) such as lubricating oils and fuel oils.

The short length makes the GESERCO hydrometers easy and convenient to use.

Product code

PRODUCT CODE	RANGE (G/ML)	DIVISION	ACCURACY	CAL. TEMP	LENGTH
DE9001	0.600 – 0.650	0.001	± 0.001	15° C	190 MM
DE9018	0.650 – 0.700	0.001	± 0.001	15° C	190 MM
DE9019	0.700 – 0.750	0.001	± 0.001	15° C	190 MM
DE9020	0.750 – 0.800	0.001	± 0.001	15° C	190 MM
DE9002	0.800 – 0.850	0.001	± 0.001	15° C	190 MM
DE9003	0.850 – 0.900	0.001	± 0.001	15° C	190 MM
DE9004	0.900 – 0.950	0.001	± 0.001	15° C	190 MM
DE9005	0.950 – 1.000	0.001	± 0.001	15° C	190 MM
DE9006	1.000 – 1.050	0.001	± 0.001	15° C	190 MM
DE9007	1.050 – 1.100	0.001	± 0.001	15° C	190 MM

Options

Other models are available :

- Length 270 mm or 335 mm
- ISO, DIN, AH or ASTM conformity
- Thermo-hydrometers