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DM-320PC Portable / Laboratory Density Meter (Digital Hydrometer)



Advantages:

- Highly accurate measurement in seconds;
- Calibrates easily with distilled water;
- Automatic temperature compensation;
- Data transfer to computer;
- Modern software under WINDOWS 95-2000;
- Measures any liquid with viscosity up to 1200cP.

Applications:

- All petroleum products, including viscous;
- Chemicals, including aggressive;
- Spirits;
- Cosmetics;
- Pharmaceuticals;
- Foods & beverages.



DM-320PC Stored Results

| Num | D,kg/m3 | T,°C | D15: | Products |
|-----|---------|-------|---------|----------|
| 1 | 0,75773 | 19,50 | 0,75760 | Gasoline |

DM-320.1 PC

File Settings Calibration Adjust About

Density(D):

0.75773 kg/m3
g/cm3
lb/gal
lb/ft3
two-point calibration

Temperature(T): 19.50 °C
°F

Measure: Sample Start Save
sample 1

T:53B Product: Gasoline
D15: 0.75760

COM1,9600,8,N,1 Device Status: connection lost



Obtain quick, precise density measurements wherever your lab is ... on-site or on wheels.

The Density Meter provides valuable insight for a **wide range of liquid samples**, from highly viscous crude oil to light spirits. It is **economical** and **easy to operate**. And calibration could not be simpler - just use distilled water.

DM-320PC enhances data acquisition and management platform by adding true PC control.

DM-320PC offers **remarkable accuracy** that you can count on and possibility to measure any liquid with **viscosity up to 1200 cP**.

Transferable sensor for various density ranges, spanning 0.6500 - 1.5000 g/cm³.

All measurements received are according **ASTM D 1298**.

Versatile measurement formats enable flexible reporting options:

- Real Density;
- Temperature;
- Relative Density (15°C, 20°C);
- Specific Gravity (SG 60°F);
- API Units (API 60°F);
- % Alcohol (Pure spirits).

Specifications

| Performances | | Parameters |
|-------------------------------------|-------------|--|
| Submersible parts (material) | | Stainless Steel or HASTELLOY |
| Measuring ranges | density | 0.65000 - 1.10000 g/cm ³ (650.0 - 1100.0 kg/m ³) |
| | temperature | 1.05000 - 1.50000 g/cm ³ (1050.0 - 1500.0 kg/m ³) 0°C - + 70°C |
| Accuracy | density | ±0.00025 g/cm ³ (0.25 kg/m ³) |
| | temperature | ±0.1°C |
| Resolution | density | ±0.00001 g/cm ³ (0.01 kg/m ³) |
| | temperature | ±0.01°C |
| Temperature compensation | | Automatic |
| PC compatibility | | Serial cable |
| Dimensions | | 315 x 150 x 170 mm |
| Weight | | 2.5 kg |
| Power supply | | |

Lemis Baltic

26 Ganību dambis Str., Riga, LV-1005, LATVIA

Tel: +371 7383223, fax: +371 7383270

