



# PORTABLE/LABORATORY DENSITY METER

**FOR LIQUEFIED NATURAL GASES (LNG) & CRYOGENIC APPLICATIONS**

## ADVANTAGES

- Precise density and temperature in seconds
- Small sample volume
- Readings on LCD
- Easy to operate
- Automatic temperature compensation
- Data transfer to PC

## APPLICATIONS

- Liquefied natural gases (LNG)
- Liquefied nitrogen
- Other liquefied gases
- Cryogenic systems

*IN PROCESS TO EXCELLENCE*

# Specifications

Density Range	0.4500...1.0000 g/cm <sup>3</sup> (450...1000 kg/ m <sup>3</sup> )
Temperature range	-200...+40°C
Accuracy:	
Density	±0.0005 g/cm <sup>3</sup>
Temperature	±0.5°C
Resolution:	
Density	±0.0001 g/cm <sup>3</sup>
Temperature	±0.01°C
Temperature compensation	Automatic
Contact Surface Material	Duralumin
Max Pressure	16 bar
Sample volume	200 ml
Data Transfer	RS 232, Bluetooth
Power Supply	110 - 230 V with adapter 12/24 VDC (car lighter)
Dimensions:	
Height	245 mm
Length	225 mm
Cylinder diameter	120 mm
Weight	6 kg

## LNG & Cryogenic applications

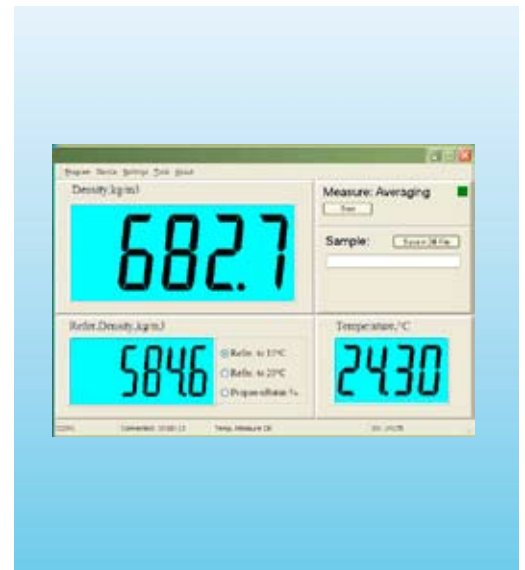


**Unique Laboratory Density Meter is a new development especially for liquefied natural gases (LNG) measuring & cryogenic applications. It is based on the resonant method of density measurements and uses small sample volume. Frostproof double-walled housing allows to operate device at temperatures up to -200° C. Readings on the LCD facilitate measuring process and eliminate eventual human error. Compact design makes suitable to any place in your laboratory. Combination with PC or Pocket PC makes it as a complete data managing system. WINDOWS based Software allows necessary data processing and simplifies operation for personnel.**

### DEVICE, SAMPLING CYLINDER & PRINTER BLUETOOTH



### SOFTWARE



**For more information, please, visit LEMIS process web site!**

[www.lemis-process.com](http://www.lemis-process.com)



**USA**  
2121 Golden Road, Suite 2A  
The Woodlands  
TX 77380, USA  
Ph.: +1 713 481 5224  
Fax.: +1 713 481 5226  
E-mail: [info@lemis-process.com](mailto:info@lemis-process.com)  
[WWW.LEMIS-PROCESS.COM](http://WWW.LEMIS-PROCESS.COM)

**EUROPE**  
26 Ganibu dambis  
Riga, LV-1005  
Latvia, EU  
Ph.: +371 6738 3223  
Fax: +371 6738 3270  
E-mail: [info@lemis-process.com](mailto:info@lemis-process.com)  
[WWW.LEMIS-PROCESS.COM](http://WWW.LEMIS-PROCESS.COM)

**INDIA**  
802, Maithili's Signet, Plot-39/4  
Sector-30A, Vashi  
Navi Mumbai-400705, INDIA  
Ph.: +91 22 67215655  
Fax: +91 22 67215470  
E-mail: [info@lemis-process.com](mailto:info@lemis-process.com)  
[WWW.LEMIS-PROCESS.COM](http://WWW.LEMIS-PROCESS.COM)