

## Portable Density in Your Hands

### Light, Intuitive, and Rugged



#### Density measurement anywhere

To be truly portable, an instrument must be able to be used everywhere: with the Densito's bright, color display, excellent visibility both indoors and outdoors is achieved. Multiple sequential measurements can be performed with ease thanks to the instrument's light weight and ergonomic design.



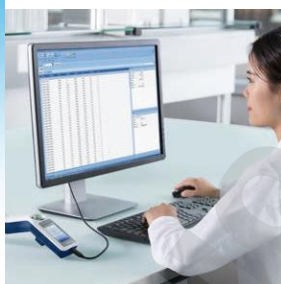
#### Measurements in seconds

To perform a measurement with the Densito, the sample tube is dipped directly into the sample. The result has an accuracy up to the third decimal place and is received instantly, allowing the user to move on to the next sample. For additional security, measurement limits can be set for quick identification of results that are out of limits.



#### Automatic sampling

The built-in sampling pump means that filling and emptying the measurement cell is performed completely automatically at the press of the button. Sampling speed can be adjusted to the task and sample at hand.



#### Enhanced data management

Up to 1100 results are stored on the instrument. For more flexibility, EasyDirect Software offers data management on the PC: results can be reviewed and filtered, and graphs can be created to monitor samples over time. Reports can be printed from the software or directly from the instrument.



#### Densito and DensitoPro

Made for use in the lab and on-the-go, the Densito and DensitoPro are perfect for all applications: from quality control of incoming goods to at-line quality assurance of intermediate or final products. Users can be guided through multi-step procedures with clear directions, from measurement to cleaning.

Density, Brix, and many more units using built-in calculations on the instrument are measured. Temperature compensation factors correct the measurement value to the desired temperature, ensuring accurate results no matter the temperature.

The DensitoPro comes with an RFID and barcode reader, allowing for a simple point-and-shoot sample ID entry.

## Technical Specifications

|  |  |             |
|--|--|-------------|
| <b>Density (g/cm<sup>3</sup>)</b>      | Measuring range  | 0.000–3.000 |
|  | Accuracy   | ± 0.001     |
|  | Repeatability  | ± 0.0005    |
|  | Resolution   | 0.0001      |
| <b>Temperature (°C)</b>                | Sample temperature range   | 0–50        |
|  | Resolution   | 0.1         |
|  | Accuracy   | ± 0.2       |
|  | Ambient temperature range, Densito   | -10–50      |
|  | Ambient temperature range, DensitoPro  | 0–50        |
| <b>Measurement scales<sup>1)</sup></b> | Density, Specific Gravity, Ethanol (Alcohol), Brix, API <sup>2)</sup> , Baumé, H <sub>2</sub> SO <sub>4</sub> , Plato, Proof (US and IP), user-defined concentration |             |
| <b>Temperature compensation</b>        | Automatic or by using a user-defined temperature correction coefficient  |             |
| <b>Sample volume</b>                   | 2 mL   |             |
| <b>Methods</b>                         | Maximum number of methods: 30  |             |
| <b>Results storage</b>                 | Maximum number of results: 1100  |             |
| <b>Languages</b>                       | English, Chinese, German, Spanish, French, Italian, Portuguese, Russian, Bahasa Indonesia, Korean, Polish, Thai, Turkish   |             |
| <b>Display</b>                         | 2.4" color screen  |             |
| <b>Navigation</b>                      | Buttons and joystick   |             |
| <b>Connectivity</b>                    | USB-A (USB-P25 printer, Bluetooth printer dongle)<br>USB-C (EasyDirect Density and Refractometry PC software)<br>RFID and barcode reader <sup>3)</sup>               |             |
| <b>Security</b>                        | Password protection  |             |
| <b>Batteries</b>                       | Lithium ion<br>Rechargeable and removable  |             |
| <b>Weight</b>                          | 355 g  |             |
| <b>Standard compliance</b>             | ► <a href="http://www.mt.com/dere-norms">www.mt.com/dere-norms</a>   |             |

<sup>1)</sup> Certain scales are customizable and can be compensated to specific temperatures

<sup>2)</sup> Including crude oil, refined products, lubricants

<sup>3)</sup> DensitoPro only

## Densito, DensitoPro, and Accessories

| Material Description                              | Material Number |
|---|-----------------|
| Handheld Density Meter Densito                    | 30330857        |
| Handheld Density Meter DensitoPro                 | 30330858        |
| EasyDirect PC Software                            | 30451628        |
| Bluetooth Printer Godex MX20 with Dongle          | 30330864        |
| USB-P25 Printer                                   | 11124301        |
| Protective Cover                                  | 30330860        |
| Filling Tube, 190 mm                              | 30330847        |
| Filling Tube, 600 mm                              | 30330848        |
| Syringe Adapter                                   | 30330853        |
| RFID Tag SmartSample, 10 pcs                      | 30449268        |
| RFID Tag SmartSample Film for Metal Tanks, 10 pcs | 30449269        |
| Density standard water, 10 pcs                    | 51325005        |
| Syringes, 10mL, 100 pcs                           | 51338100        |
| Carrying Case                                     | 30330861        |

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[www.mt.com/Density2Go](http://www.mt.com/Density2Go)

For more information

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