# Essential for Daily Routines
## Simple, Rugged, and Trustworthy

### Intuitive operation
Instrument set up is simplified, allowing first measurements within minutes: the intuitive app-based user interface minimizes user training and the integrated user guidance prevents operator errors.

### Suitable for the lab or production area
Engineered with high quality components and materials, our density meters can withstand rough environments. The new measuring cell design minimizes the influence of external mechanical vibrations and allows for precise results even in turbulent environments.

### Reliable QC Results
Routine measurements are simplified and acceptable samples are instantly identified by setting up a range of tolerable limits. Measurements can be observed in real time via video and measurement errors, due to bubbles or improper sampling, are avoided thanks to BubbleCheck™.

### Enhanced data management
The straightforward EasyDirect PC software efficiently manages data, allowing for the creation of reports, graphs and monitoring of samples over time. Up to three density meters or refractometers can be connected, in any combination.

### EasyPlus Density Meters

EasyPlus Density Meters offer everything needed for routine applications in a strikingly small footprint: fast measurements with automatic temperature control, small sample volumes, minimal operator dependency and more:

- LongClick™ – press and hold the home screen to start routine analyses in 1 second
- Automatic viscosity correction for viscous samples
- Integrated air pump for easy cleaning and drying
- SimpleCheck™ performance verification standards

**METTLER TOLEDO**

# Technical and Functionalities Comparison Table

| EasyPlus Density Meters | | Easy D30 | Easy D40 |
|---|---|---|---|
| Density (g/cm³) | Measuring range | 0.000–3.000 | 0.000–3.000 |
| | Accuracy | ±0.001 | ±0.0005 |
| | Resolution | 0.001 | 0.0001 |
| Temperature (°C) | Temperature range | 15–25 (59–77 °F) | 15–50 (59–12 °F) |
| | Accuracy | ±0.2 | ±0.1 |
| | Resolution | 0.01 | 0.01 |
| | Temperature control | Yes | Yes |
| Measurment scales | Integrated concentration tables and functions | Density and Specific Gravity | Density, Specific Gravity, Ethanol, Sugar tables, API functions, Acid table, Urea, User-defined concentration |
| Number of methods | | 1 | 6 |
| Internal results storage | | 20 | 20[1] |
| Result export | | No | To USB stick (.csv) |
| Automatic bubble detection (BubbleCheck™) | | No | Yes |
| Automatic viscosity correction | | Yes | |
| Clean Check | | Yes | |
| Color-coded results identification | | Yes | |
| SimpleCheck™ standards | | Yes | |
| Barcode reader connectivity | | Yes | |
| On-screen help text | | Yes | |
| Languages | | English, Chinese, German, Spanish, French, Italian, Portuguese, Russian, Bahasa Indonesia, Korean, Polish, Thai, Turkish | |
| Display | | 4.3" Capacitive touch screen | |
| Connectivity | | 3 × USB-A (keyboard, mouse, barcode reader, printer) 1 × USB-B (EasyDirect PC Software) | |
| Integrated drying pump | | Yes | |
| Minimal sample volume | | Approx. 1.2 mL | |
| Instrument dimensions (W × H × D) (mm) | | 170 × 156 × 273 (6.7 × 6.1 × 10.7 inches) | |
| PC Software | | EasyDirect Density and Refractometry PC Software (installation on a single PC, connect up to 3 density meters and/or refractometers) | |
| Service | | Professional Installation (StarterPac) Professional calibration | |
| Standard compliance | | ▶ **www.mt.com/dere-norms** | |

[1] Unlimited results storage when transferred directly to a USB stick or to EasyDirect PC software

# Instruments and Accessories

| Material Description | Material Number |
|---|---|
| EasyPlus Density meter – Easy D30 | 30468670 |
| EasyPlus Density meter – Easy D40 | 30468671 |
| EasyDirect PC software Density and Refractometry | 30451628 |
| USB transfer cable EasyDirect PC software | 51191926 |
| SimpleCheck™ Dodecane 0.749x g/cm³ | 30466985 |
| SimpleCheck™ Water 0.998x g/cm³ | 30466986 |
| SimpleCheck™ Bromobenzene 1.657x g/cm³ | 30466987 |
| Printer USB-P25 | 11124301 |

| Material Description | Material Number |
|---|---|
| Barcode reader | 21901297 |
| USB cable for barcode reader | 21901309 |
| USB keyboard | 51192111 |
| Drying tower (Desiccator, screwdriver, screws, drying tube with adaptor, silica gel) | 30468675 |
| Tubing set (Waste tube with connector, 150 mm and drying tube with connector, 500 mm) | 30472918 |

**www.mt.com/EasyPlus-Density**

For more information