

## 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.



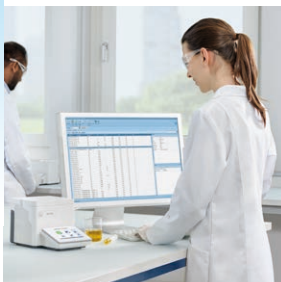
#### Suitable for the lab or production area

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

## Technical and Functionalities Comparison Table

EasyPlus Density Meters		Easy D30	Easy D40
Density (g/cm <sup>3</sup> )	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 (59–122 °F)
	Accuracy	±0.2	±0.1
	Resolution	0.01	0.01
	Temperature control	Yes	Yes
Measurement 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 <sup>1)</sup>
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	
User management		No	Yes (Three user groups: admin, expert, operator) Up to ten users. Password protection
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		▶ <a href="http://www.mt.com/dere-norms">www.mt.com/dere-norms</a>	

<sup>1)</sup> Unlimited results storage when transferred directly to a USB stick or to EasyDirect PC software

## Instruments and Accessories

Material Description	Material Number	Material Description	Material Number
EasyPlus Density meter – Easy D30	30468670	Barcode reader	21901297
EasyPlus Density meter – Easy D40	30468671	USB cable for barcode reader	21901309
EasyDirect PC software Density and Refractometry	30451628	USB keyboard	51192111
USB transfer cable EasyDirect PC software	51191926	Drying tower (Desiccator, screwdriver, screws, drying tube with adaptor, silica gel)	30468675
SimpleCheck™ Dodecane 0.749x g/cm <sup>3</sup>	30466985	Tubing set (Waste tube with connector, 150 mm and drying tube with connector, 500 mm)	30472918
SimpleCheck™ Water 0.998x g/cm <sup>3</sup>	30466986		
SimpleCheck™ Bromobenzene 1.657x g/cm <sup>3</sup>	30466987		
Printer USB-P25	11124301		

**METTLER TOLEDO Group**  
Analytical Instruments  
Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)

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