

Competence creates Confidence.



- Model no. H3002

## UNIT FOR DETERMINATION OF DENSITY

ISO 1183  
ASTM D 792

This tester is used to determine the density of plastics according to the buoyancy method. The complete set consists of a beaker, thermometer, glass plummet for determining the liquid density, submerged filter and submerged contactor.



### Standard features

- Convenient operation and clear visualisation via integrated LC display
- isoCAL calibration and adjustment function
- Density determination set
- Fully automatic calibration/adjustment function
- Internal, motor-powered adjustment weight
- Integrated application program for determining the density
- Constant weighing conditions thanks to full glass windshield
- CE conformity



## Version

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H3002-0010

Weighing capacity	g	220
Readability	mg	0.1
Reproducibility	mg	≤ 0.1
Linearity deviation	mg	≤ 0.2
Typical stabilisation time	s	1.5
Scale diameter	mm	90
Weighing chamber height	mm	209
Weight	kg	6.4
Width x depth x height (housing)	mm	218 x 360 x 320
Windshield for analytical balance		Windshield with easy-to-open sliding doors for effortless weighing; splash-proof and easy-to-clean weighing chamber All panes can be individually cleaned or replaced
Housing		Chemically resistant housing surface, making cleaning a breeze
Load cell		Mounted on a solid base plate made of a special aluminium alloy, suitable for the highest demands Stable and reproducible weighing results and minimal temperature dependence are guaranteed
Calibration		isoCAL – fully automatic, temperature- and time-controlled internal adjustment
Supervisor Lock		Menu lock to protect against unintentional manipulation
Protective cover for operation		Provides additional protection against contamination and scratching, included as standard with the balance delivery
Underfloor weighing		Integrated
Display		Touchscreen
Standard data interface		Mini USB Direct data transfer to Microsoft® programs without additional software; Programmable data output interval Data transfer products SBI, xBPI, table format, text format
Applications		Special laboratory applications such as mixing, components, statistics and conversion; Other standard applications such as weighing, density, percentage weighing, checking, maximum value, counting and dynamic weighing
Permissible ambient temperature	°C	+10 to +30
Permissible relative humidity	%	Max. 70 Non-condensing
Voltage data		100-240 V, -15%/+10%, 50-60Hz, 0.2A