

NewClassic Density

For Solids and Liquids Determination



Easily mounted

The density kit is easily mounted on all NewClassic MS and ML balances in a few simple steps. In less than 1 minute, the weighing balance is transformed into a density balance.



Flexibility

Thanks to its clever design, the basket can be used for the density determination of both floating and non-floating objects.



Easy access

The design of the density kit supports easy weighing. Three big sample platforms allow sample placement with easy access from left, right or top.



User guided

The built-in density determination application provides a complete workflow for determining the density of solids and liquids. The application guides the user step-by-step through the process, collecting the results and calculating the density.



Density determination using the buoyancy method

Density determination is used in many areas to characterize certain properties of a product or material. The density determination is performed using the gravimetric measuring method by means of Archimedes' principle (buoyancy method), which states that a body immersed in a fluid apparently loses weight by an amount equal to the weight of the fluid it displaces.

The NewClassic density kit contains a support plate, brackets, glass beakers, thermometer, a basket for floating and non-floating solids, and a bottle of wetting agent. With just a few quick steps, the NewClassic balance is converted into a reliable densitometer.

NewClassic Density Kit and Accessories



Density kit for density determination of solids and liquids	Order No.
MS-DNY-54 for NewClassic MS Semi-Micro Balances (e.g. MS105)	30004077
MS-DNY-43 for NewClassic MS-S Balances (e.g. MS204S)	11142143
ML-DNY-43 for NewClassic ML Balances (e.g. ML204)	11142144
10 ml glass sinker For density determination of liquids, combined with density kit 11142144, 11142143 or 30004077	00210260
10 ml glass sinker, calibrated (with calibration certificate) For density determination of liquids, combined with density kit 11142144, 11142143 or 30004077	00210672
10 ml glass sinker, recalibrated (with new calibration certificate)	00210674



Spare parts	
Glass beaker , height 75 mm, \varnothing 80 mm	11142289
Glass beaker , height 100 mm, \varnothing 60 mm	00238167
Universal basket , for floating and non-floating objects	30004746
Thermometer , with mount	00238767
Thermometer , calibrated (with calibration certificate)	11132685
Wetting agent	00072409



Compact printer	
The fastest way to archive weighing data results. The compact printer supports the connected instrument languages; with RS232C interface and ergonomically designed operation keys.	
Compact Printer RS-P25 For simple print-outs	11124300
Compact Printer RS-P26 With integrated real-time and date information	11124303
Compact Printer RS-P28 For advanced statistics and summation functions	11124304

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