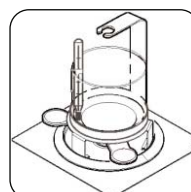
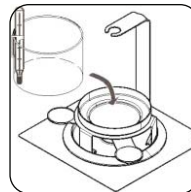
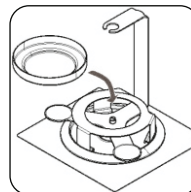
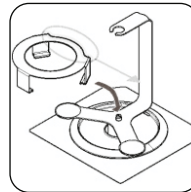
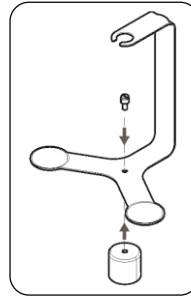


# Density Determination Kit

## CDK 01 - Series



### Preparing the Balance for Density Determinations



In case of determining the density of solids and liquids with application of Aczet density determination kit, the whole procedure is very much simplified and speeded up. Time till the operator receives the density measurement is very short, as all the calculation is performed by the software of the weighing instrument, and operator's activities is limited to:

- operation of the keyboard of weighing instrument,
- placing the samples on the weighing pans of the kit,
- hanging the plunger.

Determining the density of solids and liquids is an inseparable part of work of the laboratories. Traditional method of density determination requires from the operator many measurements and a lot of complex calculation. In result the operator ends with a density determination result which can be saddled with calculation and systematic errors. Additionally time that needs to be devoted to density calculation is long.

Density determination kit is additional equipment offered to Aczet laboratory balances. The software for determination of density has following basic features:

- simplicity of usage (all activities are described on the display of the balance),
- reliability (all calculation is automatically performed by the balance's software),
- fast data processing (result is obtained after determination of sample mass in water or plunger mass in liquid),
- accurate data processing (before every measurement of mass, display indication is automatically zeroed, this proves the density determination result to be reliable and real).

The kit for the density determination of solids contains the individual parts shown in the table below.

<b>Platform</b> 	<b>Bracket</b> 	<b>Universal basket</b> for non-floating and floating solids (30004211) 
<b>Pan</b> 		<b>Wetting agent</b> (0072409) 
<b>Screw</b> 		<b>Operating instructions on CD</b> (11781524) 
<b>Glass beaker</b> Ø 80 mm (11142289) 	<b>Precision thermometer</b> with holder (00238767) (optional calibrated version with certificate, 11132685) 	
<b>Draft shield element</b> (except MS-DNY-54) 		

Model - CDK 01
1 - Beaker Base
2 - Pans Suspension
3 - Plunger
4 - Beaker
5 - Thermometer Holder
6 - Thermometer
7 - Plunger String

8 - Hook
9 - Upper pan of the set for density determination of solids
10 - Pan String
11 - Lower pan of the set for density determination of solids
12 - Additional Weight
13 - Additional stand for set of pans or plunger

Specification are subject to change without prior notice. Images shown are for illustrations purpose only.

WORLDWIDEMARKETING

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