



TECHNICAL BALANCE

Technical balance



Dimensions:

Height: 33 cm

Base: 32 x 20 cm

Three adjustable feet

Provided with a weight box, from 10 mg up to 100 g.



Accessory (not included in the 1433)

1461 Bucket & cylinder Apparatus

Use this technical balance as an hydrostatic scale



Bucket (external measures): $h = 60 \text{ mm}$; $d = 41 \text{ mm}$
 Cylinder: $h = 50 \text{ mm}$; $d = 30 \text{ mm}$

The Bucket and Cylinder Apparatus is used to verify the Archimedes' Principle, or law of buoyancy.

By immersing the cylinder into a container of water, you can notice an apparent weight reduction: the upward buoyant force that is exerted on a body immersed in a fluid, whether fully or partially submerged, is equal to the weight of the fluid that the body displaces. By filling the hollow bucket with water, the buoyant force is balanced.



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OPTIKA® S.r.l.

Via Rigla, 30 - 24010 Ponteranica (BG) - ITALIA

Tel.: +39 035.571.392 - Fax: +39 035.571.435 - info@optikascience.com
