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Product Name :

Scale Pan, Brass

Product Code :

SLE/LB/27



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Description :

The Scale Pan, Brass is a 75mm hanging pan that carries loose masses, coins, grain or small objects beneath a spring balance, lever arm or stand. It hangs onsuspension cords from a hook, so a hook-based set-up can take loads that cannot behooked on directly.

Brass scale pan details

Parameter	Detail
Type	Hanging scale pan
Material	Brass
Pan diameter	75mm
Suspension	Suspension cords with hook
Product code	SLE/LB/27
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Practicals with the hanging brass pan

Weighing loose objects. Hang a force meter from a retort stand, hook the pan on and zero the meter with the empty pan in place if it has an adjuster. Pour in a handful of nails or rice, read the force in newtons and convert it to a mass to compare with a balance reading.

A metre stick balance. Balance a metre stick at its centre on a fulcrum, then hang two scale pans at equal distances either side. Put an object in one pan and masses from a 100g brass mass set in the other until the stick levels again, and the class has built and used an equal-arm balance.

Bending of a loaded beam. Clamp one end of a metre stick firmly to the bench edge so most of it sticks out, and hang the pan near the free end. Add small masses a few at a time and measure how far the tip drops against a metal ruler held upright; the drop grows in step with the load.

Frequently Asked Questions About the Scale Pan, Brass

Should the pan's mass be subtracted, or the spring balance zeroed with the pan hanging?

Eithe
pan
hook

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