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Product Name :

Mass Set, Brass, 250g

Product Code :

SLE/LB/32



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Description :

The Mass Set, Brass, 250g sets loads from 50 g to 250 g in 5 g steps for string tension, moment and friction work. Its 50 g hanger takes nine 20 g slotted masses for the main steps, with one 10 g and two 5 g pieces to fill the gaps between them.

250 g brass slotted set specifications

Parameter	Detail
Type	Small form slotted mass and hanger set
Material	Brass
Total mass	250g, hanger included
Hanger	1 x 50g (included)
Slotted masses	9 x 20g, 1 x 10g, 2 x 5g
Load range	50g to 250g in 5g steps
Product code	SLE/LB/32
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Fine-step loading with the 250 g brass set

Standing waves on a string. Tie one end of a string to a vibration generator, run it over a ball bearing bench pulley and hang the brass hanger on the free end. Add 20 g masses, then trim with the 10 g and 5 g pieces until a steady pattern of loops forms.

Limiting friction. Lay the tribometer board flat, tie its wooden slider to a cord over the end pulley and hang the hanger on the cord. Add 20 g pieces until the slider is close to moving, then top up in 5 g steps until it just starts to slide.

Balancing a moment disk. Hang the loaded hanger from one point on the disk of the moment of force apparatus and hold the disk still with one of its dynamometers attached at another point. Change the load in 5 g steps and compare load times arm with the dynamometer force times its arm.

Frequently Asked Questions About the Mass Set, Brass, 250g

How are the pieces combined to set a particular load?

Start with the 50 g hanger, add 20 g masses for the bulk, then finish with the 10 g and 5 g pieces. Work in 5 g steps from 50 g to 250 g.

Why

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