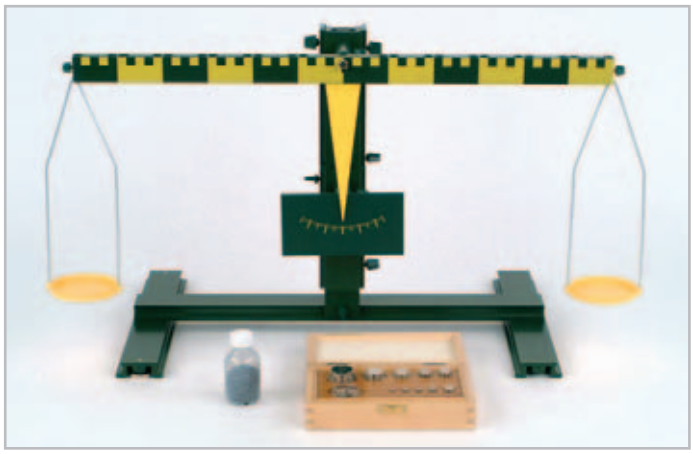
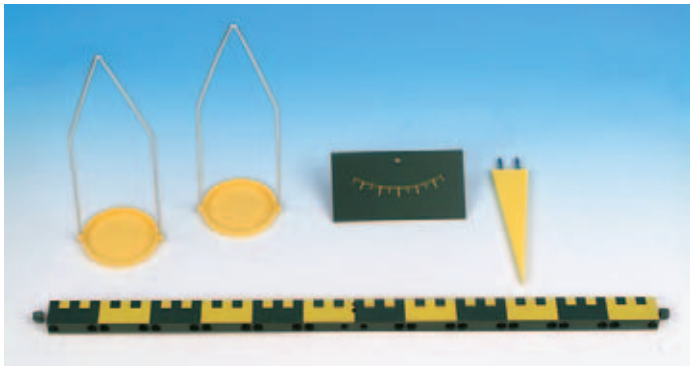
DM124-1A Two-pan balance
Precision scales with knife-edge bearing of hardened steel,
2 removable metal pans, D=125 mm, arresting screw, base plate with adjustment screw, perpendicular for precise vertical positioning
Weighing range: 500g; accuracy: 0.5 g
Dimensions: 460x250x410 mm

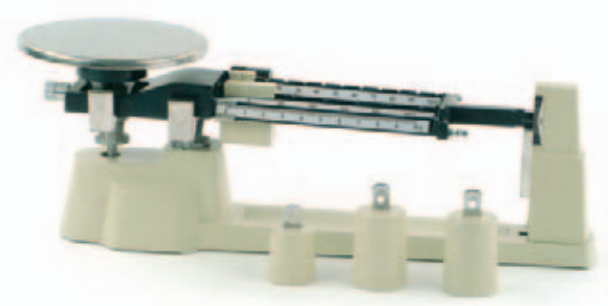




DM221-6W Two-pan balance, consisting of:
DM221-6H 1x Lever rod L=600 mm
Detailed description s. page 68
DM220-3B 2x Scale pan with handle
Plastic pans, D=80 mm, with aluminium handle and hooks, removable handle, L= approx. 250 mm
DS407-1S 1x Scale on support
Plastic base with scale on support, D=10 mm, for indicating the relative position of the pointer DM221-2Z; dimensions: 140 x 74 mm
DM221-2Z 1x Pointer with pin plug, demo, L= approx. 160 mm

DM125-1C Sliding weight balance
Balance with one pan, magnetic damping, beams with four sliding weights and scales, equipped with sliding weights that are impossible to misplace, zero adjustment, accessory for determining density
Pan diameter: 90 mm, with pouring lip
Weighing range: 311 g
Sensitivity: 0.01 g
Dimensions: 380x140x275 mm

DM125-1B Digital balance
2000g/1g
Electronic balance with LC display, tare function, turns off automatically, runs on batteries (9V block battery, included)
Measuring range: 2000 g;
Sensitivity: 1 g
Pan diameter: approx.120 mm
Dimensions: 145x185x60 mm

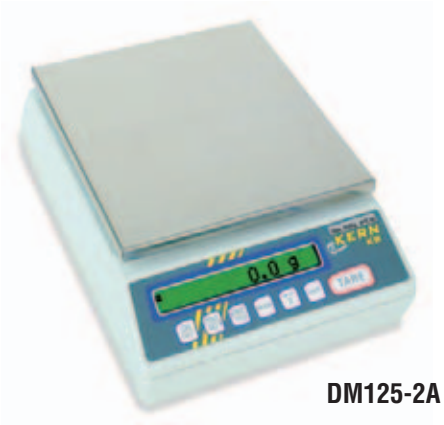


DM126-1A Triple-beam balance
Balance beam with magnetic damping, three sliding weights with scales, incl. additional weights (1x500g, 2x1000g)
Weighing range: 2610 g
Sensitivity: 0.1 g
Pan diameter: 150 mm
Dimensions: 450x150x170 mm

balances - weigths

DM125-2B

DM125-1A



DM125-2A

Electronic digital balances: tough, compact balances, easy to operate, with easy-to-read LC display, tare function, operate on batteries or mains transformer

Article no.	Weighing range in g	Precision in g	Weighing surface in mm	Powered by	RS 232	Dimensions in mm	Weight in g (approx)
DM125-2B	200	0,1	D=150	4x1,5 V Batt.	-	170x240x38	600
DM125-1A	1000	0,1	130x130	Mains transformer	yes	165x230x80	1000
DM125-2A	6100	0,1	170x150	Mains transformer	yes	165x230x80	1000

You can find further electronic balance models in our documentation on chemistry.

DM722-1N Newtonmeter „inno“ 20N/2000g

Featuring force measurement over a minimum of distance, yet with a high degree of precision, and a 26 mm digital display, making this device especially

"simple, easy and safe" to use

Newtonmeter „inno“ DM722-1N
used together with the balance pan with handle DM220-3B as a digital, one-pan balance

Demonstration instrument with magnetic holder for measuring force (in newtons) or mass (in grams). The easy-to-read LED display (H=26 mm) and the external sensor in a rugged case of rectangular tubing make it an ideal instrument for mechanics experiments, particularly when used with a magnetic panel. Both tension and pressure can be measured. By means of a support rod (D=10 mm) the sensor can be fastened to common stands.
Technical data:
Measuring range "N": ±20 N, resolution: 0.001 N, measuring range "g": 0...2000 g, resolution: 0.1 g
Zero compensation (tare): manual, by means of adjustment knob, accuracy: better than 0.5 %
Power supply: 4 x 1.5 V mignon cells (included) or external power supply 6 V/500 mA, P3120-6N
Dimensions: approx. 160x120 mm

Holder for slotted weights, demonstration:
weight holder with rod and hook for holding slotted weights
DM120-1T ff , D=25 mm

DM120-1T
Holder for slotted weights, 10 g,
plastic

DM120-5T
Holder for slotted weights, 50 g, metal

DM121-1T
Holder for slotted weights, 100 g, metal

DM727-1B Newtonmeter "handy"
Hand multimeter for measuring tension and pressure as well as weight; 5 digit LC display, H=10 mm, precision +/- 0.4 %, tare compensation switch, peak-hold function, switch for selecting response time (fast/slow), switch for selecting display mode (normal/upside down), sensor unit mounted on case with several accessories for a variety of measurements, overload protection
Measuring range: 49.03/0.01 N, 5000/1 g, 176.4/0.05 oz
Power supply: 6x battery 1.5V AA
Dimensions: 227x83x39 mm; weight: 551 g

Slotted weights, demonstration:
colour-coated weights with slits and holes, for mounting on holder for slotted weighs DM120-1T ff; tolerance: ±1%, D=25 mm

DM120-1B Slotted weight, 10 g, blue
DM120-1G Slotted weight, 10 g, yellow
DM120-5B Slotted weight, 50 g, blue
DM120-5G Slotted weight, 50 g, yellow
DM121-1B Slotted weight, 100 g, blue
DM121-1G Slotted weight, 100 g, yellow

DM120-1D Balance weights, set, 10mg - 200g
Set of weights in storage box, incl. forceps
Contents: 1x200, 1x100, 1x50, 2x20, 1x10, 1x5, 2x2, 1x1 g + mg weights, set

P1120-1B Balance weights, set, 50 g
Set of weights in storage box
Contents: 1x50, 1x20, 2x10, 1x5, 2x2, 1x1 g

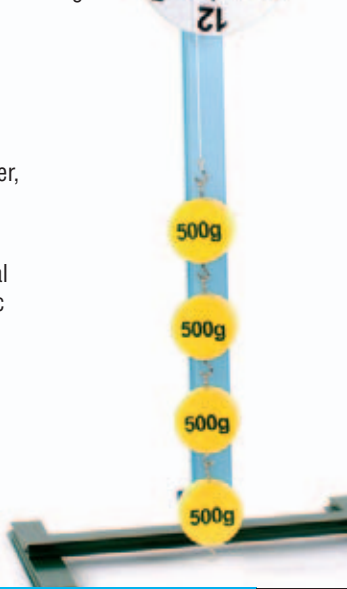
DM115-1A Tare weights 250 g
Lead shot used as weights for taring, bead D = approx. 1.5 mm, in plastic bottle, contents 250 g

P1120-1S Tare weights 50 g (no illustration)
in plastic container

Experiment:
Mass and weight

Weights on hooks:
weights with two hooks for suspending from each other, for experiments with block and tackle; tolerance: ±1%; powder-coated, yellow

			Diameter	Material
DM120-1A	Weight on hook	2 g	20 mm	Plastic
DM121-1A	Weight on hook	5 g	22 mm	Al
DM121-2A	Weight on hook	10 g	30 mm	Al
DM121-3A	Weight on hook	20 g	30 mm	Al
DM121-4A	Weight on hook	50 g	40 mm	Fe
DM121-5A	Weight on hook	100 g	40 mm	Fe
DM121-6A	Weight on hook	500 g	80 mm	Fe
DM121-7A	Weight on hook	1 kg	80 mm	Fe
DM121-8A	Weight on hook	2 kg	80 mm	Fe



balances - weigths

Weights with hooks and eyelets for suspending from each other:

P1120-1G Weights with hooks, 50 g
unpainted, set of 6, D=25 mm

DM121-3B Weight on hook 20 g
unpainted, 25x12 mm, Al

DM121-5B Weight on hook 100 g
unpainted, 25x25mm

Experiment: two-sided lever on support frame (compact system)

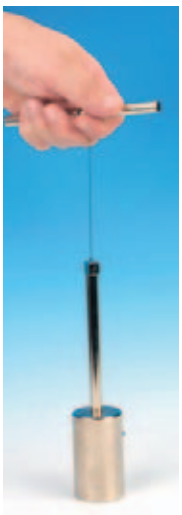
DM375-1G Weight, 1 kg
Steel cylinder with centre hole and clamping screw for fitting on steel rod, one end of the steel rod shaped as a cube with 1 cm² surface area; cylinder: D=45 mm, H=77 mm; rod: D=10 mm, L=210 mm

DM372-5G Flat weight, 500 g
D=56 mm, Material: Fe

DM680-3R Weight, 350 g, with hook
For doubling the mass of friction and stability block DM680-2R used for experiments with static, sliding and rolling friction
Material: Fe, powder-coated
Dimensions: 40x40x28 mm

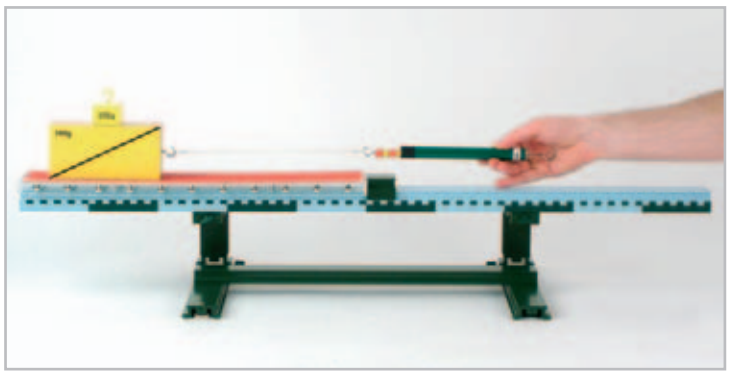
DM119-1G Cube weights, set
Individual cubes may be joined
Material: plastic; weight: 1 g; set of 20

Experiment:
1 kg pressure on 1 cm² of hand surface area



Experiment:
"Inertia and Mass" - weight DM375-1G and carrying handle DM373-1T

Experiment:
"Tensional Energy" Flat weights



Experiment: "Static Friction" - friction body DM680-2R and weight DM680-3R