Laboratory Presses - 15 and 25 Ton

Hydraulic laboratory presses are designed for the preparation of solid samples for IR spectroscopy and X-ray spectroscopy. By means of evacuable dies laboratory presses generate the necessary pressure to produce high-quality permeable disks.

The perfect workmanship of high-strength aluminum and stainless steel make our solid quality presses an extremely reliable partner in your laboratory.

The two and four pillar constructions of the 15 and 25 ton laboratory presses are perfectly designed for the respective press. Together with the transparent impact-resistant safety guards made from polycarbonate, they guarantee a safe working environment.

A mechanical overload of the hydraulics is avoided by limiting the piston stroke. As an option, the digital versions offer a pressure limitation valve that lets the user set the maximum tonnage to the operating limits of a range of dies. Due to the length of the upper spindle and the max. inner width of 150 mm, all standard size die sets can be fixed securely. Tubing used to evacuate the die set can be led to the outside of the chamber through the side cover panel.

TECHNICAL DATA

Model:	15 ton	15 ton, digital	25 ton	25 ton, digital
Max. load on piston:	15 t	15 t	25 t	25 t
Display / Resolution:	analog / 0.25 t	digital, four-digit / 0.01 t	analog / 0.5 t	digital, four-digit / 0.01 t
Width between pillars:	150 mm	150 mm	150 mm	150 mm
Piston stroke:	25 mm	25 mm	25 mm	25 mm
Diameter hydraulic cylinder:	105 mm	105 mm	105 mm	105 mm
Max. spindle adjustment:	100 mm	100 mm	105 mm	105 mm
Spindle diameter:	35 mm	35 mm	45 mm	45 mm
Max. headroom:	115 mm	115 mm	130 mm	130 mm
Min. headroom:	10 mm	10 mm	25 mm	25 mm
Dimensions (h x w x d):	400 x 360 x 300 mm	400 x 360 x 300 mm	400 x 360 x 300 mm	400 x 360 x 300 mm
Net weight:	36 kg	36 kg	42 kg	42 kg
Mains adapter:	-	external, 12 V	-	external, 12 V

ORDER INFORMATION

Laboratory press, 15 ton, analog


Laboratory press, 15 ton, digital

Laboratory press, 25 ton, analog


Laboratory press, 25 ton, digital

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