

BREITLÄNDER
Eichproben + Labormaterial GMBH

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PE-EL

Electro-Hydraulic Press PE-EL

Elektro-hydraulic Press for routine sample preparation



Presswerkzeug
BR-HKPW32

LAB-PRESS PE-EL

- Compact benchtop machine for X-ray and IR sample pelletizing
- Regulation of pressure with push button, gauge indication
- Adjustable pressure limitation up to 200 kN, safety valve
- Easy handling - wide space for die set positioning and removal
- Maintenance free technique, covered in solid steel housing
- Secure working room with removable safety windows
- „Made in Germany” - workshop service and special constructions

Technical Data und Accessory

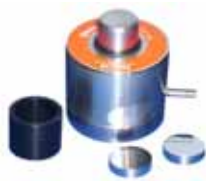


Technical Data

Available pressure	200 kN (20 t, metric)	Dimensions (WxHxD)	470 x 500 x 190 mm
Height betw. spindle and piston	max. 175 mm	Mass	approx. 50 kg
Width betw. supporting columns	130 mm	Volume of hydraulic oil	approx. 3 l
Spindle adjusting range	120 mm	Power supply	230 V, 50 Hz, 600 VA
Available piston stroke	20 mm		

Accessory

Art.-No. Accessory for presses and pellet production



BR 4030
BR 4038
BR 4040
BR 4047

Die sets

Die set, stainless steel, hardened, 2 polished press plates, evacuable, knock out tool

32mm
35mm
40mm
45mm

polished press plates available of stainless steel and tungsten carbide



BR 32PW
BR 40PW

Die set, tool steel, hardened, 1 polished press plate, knock out tool

32mm
40mm

polished press plates of tool steel available on request



BR-HKPW32
BR-HKPW40

Die set, tool steel, hardened, 4 polished press plates, funnel, knock out tool in plastic tool carrier

32mm
40mm

polished press plates of tool steel available on request



CH 505
CH 535
CH 545
CH 547
BL 40

Compressible sample cups aluminum + plastic

tapered, for improved stability, handling and labelling

32mm aluminum cups, height 7.6mm, packing unit 1000 pieces
35mm aluminum cups, height 8.9mm, packing unit 600 pieces
40mm aluminum cups, height 9.1mm, packing unit 600 pieces
45mm aluminum cups, height 9.1mm, packing unit 500 pieces
40mm aluminum cups, height 11.7mm, packing unit 1000 pieces



CH 552
CH 553
CH 554

32mm plastic cups, height 6.4mm, packing unit 500 pieces
35mm plastic cups, height 6.4mm, packing unit 500 pieces
30mm plastic cups, height 6.4mm, packing unit 500 pieces Stück



BR HWC
CH 600
CH 625
CH 650
CH 660

Grinding and pressing additives

PE-mikro powder (Hoechstwachs C), packing unit 1kg
X-Ray Mix, powder, 454g-btl., briquetting additive, plasticizing
X-Ray Mix, 0.25g-tabl., 500 tabl./btl., briquetting additive, plasticizing
X-Ray Mix, 0.5g-tabl., 500 tabl./btl., briquetting additive, plasticizing
SpectroBlend, 44µm powder, 454g-btl., grinding additive preventing caking slightly plasticizing



CH 9000
CH 750

SpectroMix, Pulver, 454g-btl., combines the properties of SpectroBlend and X-Ray Mix

Boric acid tablets, 0.5g, packing unit 1000 tabl./btl., pallets to prevent caking



BR SPECTAB

Grinding and pressing additive, 0.3g-tabl., smallest packing unit 1000 tabl./btl., cellulose basis, bonding properties