

Electro-hydraulic press for routine sample preparation

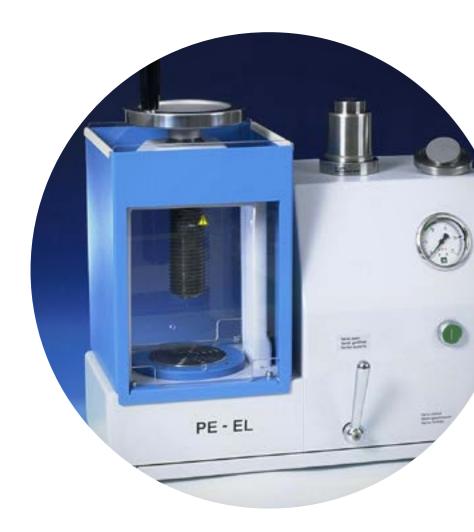
- Compact benchtop machine for X-ray and IR sample pelletising
- · Simple, one-button operation and maintenance free
- Convenient wide space for die set positioning and removal
- Custom designed with adjustable pressure up to 200 kN
- · Robust construction and solid steel housing
- Secure working chamber with removable safety windows

Technical data:

Power supply	230 V, 50/60 Hz, 600 VA	
Instrument dimensions (L x W x H)	470 x 190 x 500 mm	
Mass	approx. 50 kg	
Available pressure*	200 kN (20 t, metric)	
Height between spindle and piston	max. 175 mm	
Width between supporting columns	130 mm	
Spindle adjusting range	120 mm	
Available piston stroke	20 mm	
Volume of hydraulic oil	approx. 3 l	

^{*}For certain applications, this press is available at size 5 tonnes/10 tonnes.





Accessories for presses and pellet production



Die sets

Die set, stainless steel, hardened

2 polished press plates (stainless steel or tungsten carbide), knock out tool

CHX 4030	32 mm
CHX 4038	35 mm
CHX 4040	40 mm
CHX 4047	45 mm



Die set, Stainless Steel, European made

Evacuable model with two plates Lightweight model without plates. PRESS-MX-series in 32 and 40 mm



Die set, tool steel, hardened

4 polished press plates, funnel, knock out tool in plastic tool carrier

PRESS-HKPW32 32 mm PRESS-HKPW40 40 mm



Protective die pellet film

- Protect die pellet surface
- · Minimize sample particle adhesion
- · Avoid cross contamination
- · Reduce time-consuming clean-up

CHX-7032 32 mm CHX-7040 40 mm



Grinding and pressing additives

CHX 600 X-Ray Mix, powder, 454 q-btl., briquetting additive, plasticising.

CHX 625 X-Ray Mix, 0.25 g-tabl., 500 tabl./btl., briquetting additive, plasticising.

CHX 650 X-Ray Mix, 0.5 g-tabl., 500 tabl./btl., briquetting additive, plasticising.

CHX 660 SpectroBlend, 44 µm powder, 454 q-btl., grinding additive preventing caking slightly

plasticising.

CHX 9000 SpectroMix, Pulver, 454 g-btl., combines the properties of SpectroBlend and X-Ray Mix.

PRESS-HWC Wax-micro powder (Hoechstwachs C or Licowax), packing unit 1 kg bottle or 20 kg bag.

PRESS-SPECTAB Grinding and pressing additive, 0.3 g tablets, smallest packing unit 1,000 tablets/btl.,

cellulose basis, bonding properties.

Compressible sample cups (aluminium)

Tapered for improved stability, handling and labelling

Description		Height	Packing unit
CHX 505	32 mm aluminium cups	7.6 mm	1,000 pieces
CHX 535	35 mm aluminium cups	8.9 mm	600 pieces
CHX 545	40 mm aluminium cups	9.1 mm	600 pieces
CHX 547	45 mm aluminium cups	9.1 mm	500 pieces
CHX 513	HX 513 NEW 13 mm aluminium cups		250 pieces
BL 40	40 mm aluminium cups	11.7 mm	1,000 pieces

For more information or to view our reference materials visit www.lgcstandards.com