

Press Family

Mini-Pellet Press



Specifications

Maximum Load	2 Tons
Pellet Die Diameter	7mm
Maximum space between pressing faces	50mm
Minimum space between pressing faces	12mm
Piston Stroke	0.5mm
Die Assembly Material	hardend 440C stainless steel
Upper pressing area (top lead screw diameter)	17.0mm
Lower pressing area (piston diameter)	21.6mm
Dimension (ex. lead screws) LxHxW	110x200x155mm
Dimension (inc. lead screws) LxHxW	110x265x215mm
Weight	4.2Kg

How to Press a KBr Pellet

Pellet preparation involves the use of a 7mm Pellet Die Assembly. **1)** The sample material is blended with KBr (or other halide salt) powder and loaded into a pellet ring holder and anvil die assembly. **2)** This assembly is then placed over the Mini-Pellet Press piston, the top lead screw is lowered, and a load applied. **3)** After compressing the sample into a transparent pellet, the pellet ring holder can then be placed on a 3" by 2" slide mounted disc holder **4)** directly in the spectrometer for analysis or, if necessary, the formed pellet can be removed from the ring holder and stored for later analysis.

Ordering Information

Mini-Pellet Press Kit
1152 Mini-Pellet Press Kit

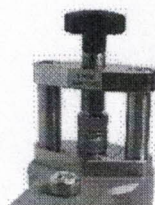
Mini-Pellet Press Parts
3940 Mini-Pellet Press
3950 7mm Pellet Die Assembly
3960 7mm Disc Holder for 3" by 2" Mount

Mini-Pellet Press Spares
3951 Pair of Spare Ring Holders
3600 Pestle and Mortar
3610 KBr Powder (50g)

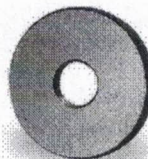
1)



2)



3)



4)

