



IR-FTIR ACCESSORIES



Pellet Die Set

S

Laboratory Dry Press Die set (IR & FTIR)

Product description

The KLABS Evaluable Pallet Press is the preferred accessory for making pellets for FTIR analysis. Preparation of KBr pellets with a 13 mm die and a hydraulic press is the most popular method used for generation of samples for transmission measurements.

It is also required by a number of standardized procedures, including some USLP and ASTM methods. The advantages of this approach include the generation of high quality pellets, reproducibility, and the ability to deal with relatively difficult samples, thanks to a wide range of pressures available.

Evaluable Pellet Press comes complete with anvils and Vacuum Connector. Circular , Square & Rectangular Pallet Die Available as Per Customer Requirement



Die Size	5mm	10mm	13mm	20mm	25mm	32mm	40mm	50mm	60mm
Total Height1	2.75" 70mm	2.75" 70mm	2.83" 72mm	4.265" 108.3mm	4.75" 120.7mm	2.75" 70mm	2.85" 72mm	4.625" 108.3mm	4.75" 120.7mm
Plunger Height	1.37" 34.8mm	1.37" 34.8mm	1.37" 34.8mm	2.24" 57mm	2.24" 57mm	1.37" 34.8mm	1.33" 33.8mm	2.24" 57mm	2.24" 57mm
Base Diameter	1.97" 50m m	1.97" 50mm	2.0" 50.8m m	3.54" 90mm	3.54" 90mm	1.97" 50mm	1.97" 50mm	3.54" 90mm	3.54" 90mm
Single Anvil Height	0.25" 6.35mm	0.25" 6.35mm	0.25" 6.35m m	0.375" 9.5mm	0.375" 9.5mm	0.25" 6.35mm	0.27" 6.85mm	0.375" 9.5mm	0.375" 9.5mm

Application :

- for FTIR Analysis
- KBr Pellet Making & XRF Spectroscopy
- for Spectroscopy

We offer die sets for the following shapes:

- Circular - this is the most common shape and can be made using standard dies, vacuum dies, low profile dies, or custom dies.
- Square / Rectangular - we stock a few sizes of square and rectangular dies, but we can also make custom die sets.
- Ring Shapes - annual die sets are available for making pellets in ring shapes.
- Custom dies - we can create dies for almost any profile

