



ACS Material Equipment Series

PressPro™ Mini Infrared Tablet Press Machine

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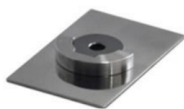
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I. Product Composition

- 1) Main Machine
- 2) Molds- Customizable



Photo of Mini Infrared Tablet Press Machine



Infrared Molds (ø7mm / Non-Demolding)



Agate Mortar and Pestle



Sample Scoop



KBr Crystals

Example Photo of Mold

II. Product Features

This is an ease to use mini infrared press machine. It is used for preparing $\Phi 7\text{mm}$ or $\Phi 3\text{mm}$ KBr (potassium bromide) pellets for infrared (IR) spectrometers. Weighing only 4.8 kg, it is ideally suited for use inside a glove box.

III. Product Specifications

Product Name	PressPro™ Mini Infrared Tablet Press Machine
Model	EPIM02TH
Pressure Range	0-2T (0-20MPa)
Pressure Conversion	1T=10MPa
Piston Diameter	$\Phi 28\text{mm}$ Chrome-Plated Oil Cylinder

Maximum Piston Stroke	<5mm
Pressure Gauge Type	XNNETS Pointer Pressure Gauge
Pressurization and Depressurization Method	Manual gradual pressurization, manual depressurization
Pressure Stability	≤1MPa/10min
Table Diameter	Φ45mm
Working Space	Width 54 × 55 mm
Overall Dimensions	100×220×220mm
Weight	4.8kg
Configuration Description	1 tablet press machine, 1 set of Φ7mm infrared molds, 1 set of agate mortar and pestle, 1 bottle of potassium bromide, 1 sample scoop (Note: Removable liquid cell and infrared lamp are optional)

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