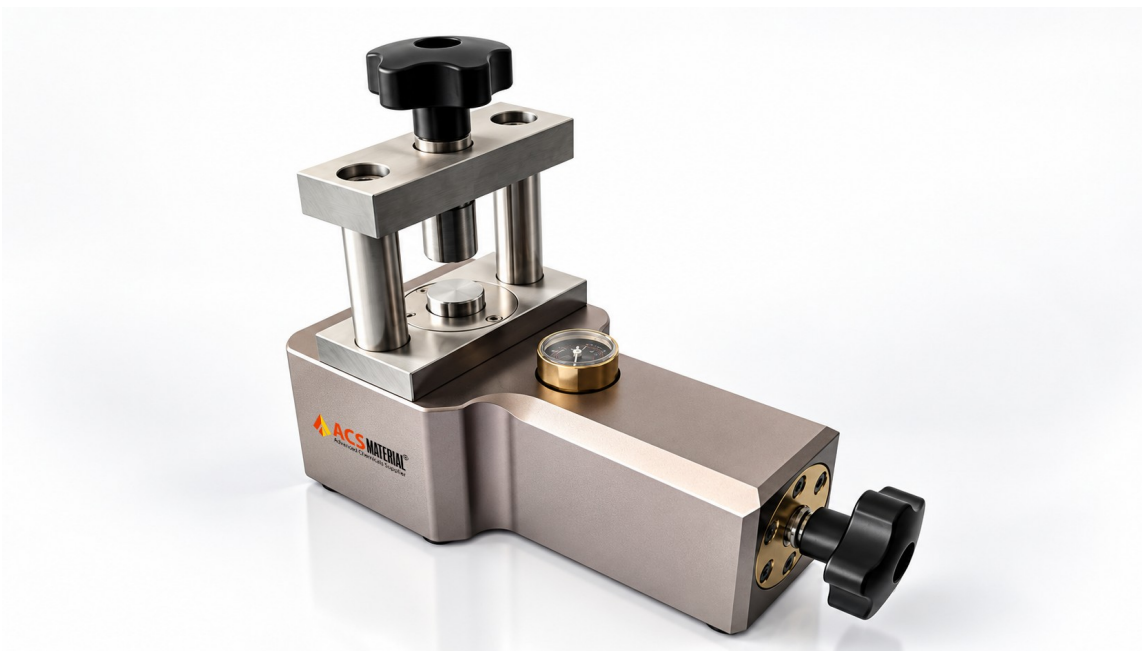


TECHNICAL DATA SHEET

PressPro™ Mini Infrared Tablet Press Machine

Infrared KBr pellet pressing · 0-2T · manual · glove-box ready



PressPro™ EPIM02TH — Standard Configuration

The PressPro™ Mini Infrared Tablet Press Machine (EPIM02TH) is an easy-to-use mini press for preparing $\Phi 7$ mm or $\Phi 3$ mm KBr pellets. Image shown for reference.

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SECTION I

Product Overview

The PressPro™ Mini Infrared Tablet Press Machine (EPIM02TH) is an easy-to-use mini infrared tablet press. It is used with an infrared (IR) spectrometer to prepare $\Phi 7$ mm or $\Phi 3$ mm KBr (potassium bromide) pellets. Weighing only 4.8 kg, it is ideally suited for use inside a glove box.

SECTION II

Core Advantages

- **Mini, glove-box ready** — weighs only 4.8 kg; overall dimensions of 100×220×220 mm
- **Manual, precise control** — manual clockwise rotation for pressurization; counterclockwise rotation for pressure release; pointer pressure gauge; $\leq 1\text{MPa}/10\text{min}$ stability
- **For IR KBr pellets** — $\Phi 7$ mm or $\Phi 3$ mm potassium bromide pellets for infrared spectrometers
- **Complete kit** — infrared die set, agate mortar and pestle, KBr crystal, and sample scoop included; infrared heating lamp optional

SECTION III

Specifications

Technical data — EPIM02TH

Specifications	
Brand	PressPro™ by ACS Material
Model	EPIM02TH
Pressure Range	0-2T (0-20MPa)
Pressure Conversion	1T = 10MPa
Piston Diameter	$\Phi 28$ mm chrome-plated oil cylinder
Max Piston Stroke	<5 mm
Pressure Gauge Type	Pointer pressure gauge
Pressurization Method	Manual clockwise rotation for pressurization; counterclockwise rotation for pressure release
Pressure Stability	$\leq 1\text{MPa} / 10\text{min}$
Table Diameter	$\Phi 45$ mm
Working Space	Width 54×55 mm
Overall Dimensions	100×220×220 mm
Weight	4.8 kg
Configuration	1 tablet press machine, 1 set of $\Phi 7$ mm infrared molds, 1 set of agate mortar and pestle, 1 bottle of potassium bromide (spectroscopically pure), 1 sample scoop (infrared heating lamp optional)

Scope of delivery

— **Standard configuration** — 1 tablet press machine, 1 set of $\Phi 7$ mm infrared molds, 1 set of agate mortar and pestle, 1 bottle of potassium bromide (spectroscopically pure), 1 sample scoop

— **Optional, not included** — infrared heating lamp

Final accessories and scope of supply are confirmed in the quotation.

SECTION IV**Applications**

The PressPro™ EPIM02TH is an easy-to-use mini infrared tablet press for preparing $\Phi 7$ mm or $\Phi 3$ mm KBr pellets for infrared spectrometers. Its compact size and light weight make it ideal for glove-box use.

Product value: 0-2T mini infrared tablet press for $\Phi 7/\Phi 3$ mm KBr pellets, with complete accessory kit. Confirm your spectrometer compatibility before ordering.

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