

# XP-400 X-Press®

35-ton automated, programmable hydraulic pellet press



## Ideal for accurate and repetitive pressing of sample pellets for XRF and other analytical techniques.

- Presses samples in minutes and accepts all standard die sets
- Programmable parameters include tonnage, dwell time, and release time
- Safety interlock locks door during operation
- Automatic pump shut-off safety valve

The XP-400 X-Press is a 35-ton (31.8 metric ton) hydraulic laboratory pellet press that accepts 13 mm, 31 mm, 35 mm, and 40 mm pellet die sets. Automatic and fully programmable, this unit is designed for repetitive pressing of sample pellet dies for XRF, IR, and other analytical techniques.

## FEATURES

- Automatic hydraulic press
- LCD programmable touchscreen
- Safety interlock locks door during operation
- Safe for materials science

## APPLICATIONS INCLUDE

- Pressed pellets for XRF/XRD and IR

## SAMPLE TYPES INCLUDE

- Cement
- Rocks
- Minerals
- Soil
- Ceramics
- Pharmaceuticals



XP-400 X-Press  
XRF Pellet Press

## Specifications

Specification	XP-400
Type of press	Grinding mill
Force	0 to 35 tons ram pressure
Dwell time	0 to 10 minutes
Release time	15 seconds to 10 minutes
Platen movement	25 mm (1 in.)
Platen size	8 cm (3.25 in.) diameter
Daylight	5 to 15 cm (2 to 6 in.)
Screw adjustment	9.0 cm (3.5 in.)
CE approved	Yes
Voltage	115 VAC, 60 Hz or 230 VAC, 50 Hz
Power cord	3-prong grounded plug for 115 VAC or 2-prong European CEE 7/7 plug for 230 VAC
Dimensions (W x D x H)	33.0 x 57.2 x 50.8 cm (13.0 x 22.5 x 20.0 in.)
Weight	66 kg (145 lb)
Warranty	1 year

## Ordering Information

Description	Item Number
XP-400 X-Press® 35-Ton Laboratory Pellet Press, 115 VAC, 60 Hz	3636-115
XP-400 X-Press® 35-Ton Laboratory Pellet Press, 230 VAC, 50 Hz	3636-230

For additional information or to request a quote or demo, scan the QR code or visit [spexsampleprep.com](https://spexsampleprep.com)



### Need a Demo?

- Virtual sample processing – virtual demonstration of the equipment and sample processing
- Physical sample processing – physical testing of your sample with shared results
- Physical equipment testing – a demo unit can be sent to your facility to test before purchasing

Contact us today at [sampleprep@coleparmer.com](mailto:sampleprep@coleparmer.com) for details.

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