

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)

Ordering Information

Description	SamplePrep Part Number	Cole-Parmer Item Number
XP-400 X-Press® 35-Ton Laboratory Pellet Press, 115 VAC, 60 Hz	3636-115	04577-46
XP-400 X-Press® 35-Ton Laboratory Pellet Press, 230 VAC, 50 Hz	3636-230	04577-47

We've Got a Fresh New Look!

Our new website is live—and it's built to make your sample prep journey smoother than ever. From product info to quick quote requests and easy demo scheduling, everything you need is just a click away.

Scan the QR code or visit cpsampleprep.com to experience it for yourself.



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 for details.



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.