

Features and Benefits

- Rugged and reliable presses noted for their simplicity and durability.
- Economical alternative to motorized presses for labs with a small sample load.
- Can be operated anywhere in the world, even under the most primitive conditions.
- Uniquely adapted for use with all SPEX SamplePrep Evacuatable Pellet Die Sets.
- Column height of standard C and M models has been adjusted.
- Hardened steel buffer plate is engraved with concentric circles and enables easy centering of the die.
- Upper platens of all three models are equipped with a safety shield for operator protection.

- 3626 Press and 3621 Model C Press have a 12-ton (10.9 metric ton) capacity and are ideal for IR labs when working with 13 mm die sets.

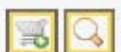


3626 SPEX SamplePrep-Carver Mini C 12-Ton Press

Bench top 12-ton manual hydraulic press. Ideally suited for IR work with SPEX SamplePrep 3613 13mm evacuatable pellet die.



3626 SPEX SamplePrep-Carver 12-ton Benchtop Press with 13 mm die



3621 SPEX SamplePrep-Carver 12-Ton Press

12-ton manual hydraulic press with buffer plate accepts all SPEX SamplePrep pellet dies.



- Rugged and reliable presses noted for their extraordinary durability.
- Equipped with safety cabinet/shield.
- Both the Mini-C and Model C have a capacity of 12-tons.
- Coupled with the SPEX SamplePrep 3613 die set, the Model C and Mini-C are ideally suited for IR labs.
- The Model M has a 25-ton capacity for IR and XRF applications.

Specifications



Dimensions:	20 ¼ in. (51 cm) x 10 ¼ in. (26 cm) x 8 in. (20 cm)
Weight:	115 lbs. net (52 kg)
Force:	0-12 tons (0-24,000 lbs.)
Platen Movement:	5 1/8 in. (13 cm)
Platen Size:	4 in. round (10 cm)
Daylight:	5 ¾ inches (14.6 cm)
Upper Screw Adjustment:	

- 3622 Model M Press has a 25-ton (22.7 metric ton) capacity and is preferred by XRF analysts when using 31 mm, 35 mm, and 40 mm die sets.





  **3622 SPEX SamplePrep-Carver 25-Ton Press**

25-ton manual hydraulic press with buffer plate accepts all SPEX SamplePrep pellet dies.

  **3613 13mm Die Set**



Used to form KBr discs for IR analysis. Set includes evacuable die body, base, plunger, two 13 mm polished steel pellets, O-ring vacuum seals, and knock-out ring for sample disc extraction. Load limit 10 tons; weight 2.2 lbs (1 kg).



  **3623 31 mm Die Set**

To form 31 mm (1 1/4 in.) standard sample discs for XRF. Set includes evacuable die body, base, plunger, two polished steel pellets, O-ring vacuum seals, and knock-out ring for sample disc extraction. Load limit 50 tons; weight 6.6 lbs (3 kg). Compatible with SPEX SamplePrep 3619 and 3619A Spec-Caps.



  **3616 35 mm Die Set**

To form 35 mm sample discs. Set includes evacuable die body, base, plunger, two 35 mm polished steel pellets, O-ring vacuum seals, and knock-out ring for sample disc extraction. Load limit 50 tons; weight 8.8 lbs (4 kg). Compatible with SPEX SamplePrep 3615 (33 mm) Spec-Caps.



  **3614 40 mm Die Set**

To form 40 mm sample discs. Set includes evacuable die body, base, plunger, two 40 mm polished steel pellets, O-ring vacuum seals, and knock-out ring for sample disc extraction. Load limit 50 tons; weight 10 lbs (4.5 kg). Compatible with SPEX SamplePrep 3617 (38 mm) Spec-Caps.

