



C3 PROZESS- UND  
ANALYSENTECHNIK

PRODUKTINFORMATION

# **SPEX Sample Prep 3621/3622/3626 Carver Press**

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# SPEX CARVER MANUAL PRESSES

These manual hydraulic laboratory pellet presses can be operated under the most primitive conditions. Economical alternative to motorized presses for labs with a small sample load. Rugged, reliable and noted for their extraordinary durability. Typical samples include: Cement, Rocks, Minerals, Soils, Ceramics, Pharmaceuticals.

3621

## Manual/Press

Part number: **3621**

Full-size 12-ton (10.9 metric ton) hydraulic laboratory pellet press that accepts 10 mm, 13 mm, 31 mm, 35 mm, and 40 mm pellet die sets. Manually controlled. Ideal for pressing sample pellets for XRF, IR, and other analytical techniques. CE Approved.



3622

## Manual/Press

Part number: **3622**

Full-size 25-ton (22.7 metric ton) hydraulic laboratory pellet press that accepts 10 mm, 13 mm, 31 mm, 35 mm, and 40 mm pellet die sets. Manually controlled. Ideal for pressing sample pellets for XRF, IR, and other analytical techniques. CE Approved.



3626

## Manual/Press

Part number: **3626**

Bench top 12-ton (10.9 metric ton) hydraulic laboratory pellet press that accepts 13 mm pellet die sets. Manually controlled. Ideal for pressing sample pellets for IR. CE Approved.



## Pellet Die Sets

SPEX SamplePrep dies are designed to fit all SPEX SamplePrep presses, and they are equally compatible with other standard laboratory presses using stand-alone dies.



### 3610 Die Set – 10 mm

Includes evacuable die body, base, plunger, two 10 mm polished steel pellets, O-ring vacuum seals, knock-out ring for sample disk extraction. Load limit 5 tons (4.5 metric tons).



### 3613 Die Set – 13 mm

Includes evacuable die body, base, plunger, two 13 mm polished steel pellets, O-ring vacuum seals, knock-out ring for sample disk extraction. Load limit 10 tons (9.1 metric tons).



### 3623 Die Set – 31 mm

Includes evacuable die body, base, plunger, two 31 mm polished steel pellets, O-ring vacuum seals, knock-out ring for sample disk extraction. Load limit 50 tons (45.4 metric tons).



### 3616 Die Set – 35 mm

Includes evacuable die body, base, plunger, two 35 mm polished steel pellets, O-ring vacuum seals knock-out ring for sample disk extraction. Load limit 50 tons (45.4 metric tons).



### 3614 Die Set – 40 mm

Includes evacuable die body, base, plunger, two 40 mm polished steel pellets, O-ring vacuum seals, knock-out ring for sample disk extraction. Load limit 50 tons (45.4 metric tons).

## Replacement Pellets



Replacement or spare steel pellets for die operation can be purchased separately. For routine pressing of abrasive materials, SPEX SamplePrep offers 31 mm, 35 mm and 40 mm tungsten carbide pellets which can be substituted for polished steel pellets. Tungsten carbide pellets are much harder than steel, but more brittle, and are not guaranteed against breakage. All replacement pellets are sold in pairs.

PELLETS	DIE SET
3613ST Steel Pellets – 13 mm	For 3613 die, sold in pairs.
3623ST Steel Pellets – 31 mm	For 3623 die, sold in pairs.
3623C Tungsten Carbide Pellets - 31 mm	For 3623 die, sold in pairs.
3616ST Steel Pellets – 35 mm	For 3616 die, sold in pairs.
3616C Tungsten Carbide Pellets – 35 mm	For 3616 die, sold in pairs.
3614ST Steel Pellets – 40 mm	For 3614 die, sold in pairs.
3614C Tungsten Carbide Pellets – 40 mm	For 3614 die, sold in pairs.



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