

## No. 2545

### TAPPI standard sheet machine

It is necessary to make specimens in different conditions, to study how the paper characteristics are influenced by various elements including pulp material, pulping conditions, conditioning of raw materials such as beating method, filler and sizing agent. Paper making with this machine is standardized by JIS and ISO for preparing a small amount of sheets easily and rapidly. This machine is also used for measuring the drainage time according to the TAPPI standard.

**Paper making size:** 158 mm in diameter, 200 cm<sup>2</sup>

**Wire cloth:** upper 150 mesh or 80 mesh, of bronze  
lower 20 mesh, of bronze

**Drainage time (water):** 4.0±0.2 seconds, 20°C±1°C

**Accessories:** agitator, couch roll, couch plate, drainage receiver, cylinder rest

**Optional:** mounting support, stainless steel wire cloth

**Referential standards:** JIS P-8222-1998, ISO 5269/1,  
TAPPI T205om-88, TAPPI T-221om-88

**Outer dimensions:** 1000×750×1340 mm (with support)

**Instrument weight:** 78 kg (with support)



No. 2545

## No. 2546

### Sheet machine press

This machine rapidly dewateres the paper sheet after couching, which was made by the sheet machine. Machine configuration: by the movement of the pump piston, glycerin pushes upward the floating pressure plate via the rubber diaphragm in the press, to apply a pressure to the specimen. The upper disc of the press is supported by two columns, facilitating handling of the sheet. This upper disc can be easily moved upward.

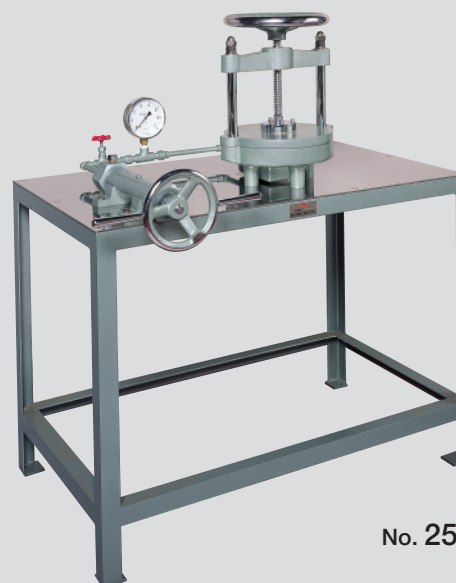
**Pressure:** 410±10 kPa (gauge pressure 0.35 MPa)

**Optional:** mounting support

**Referential standards:** JIS P-8222-1998, ISO 5269/1,  
TAPPI T205om-88

**Outer dimensions:** 950×560×1120 mm (with support)

**Instrument weight:** 65 kg (with support)



No. 2546

## No. 2547

### Sheet machine dryer (air dryer)

This dryer conditions the humidity of pressed paper made by the sheet machine. It is indispensable for the standard pulp strength test specified by the ISO and JIS standards. The specimen sheet applied to the metallic plate is secured between the drying rings to which air is sent for drying at room temperature.

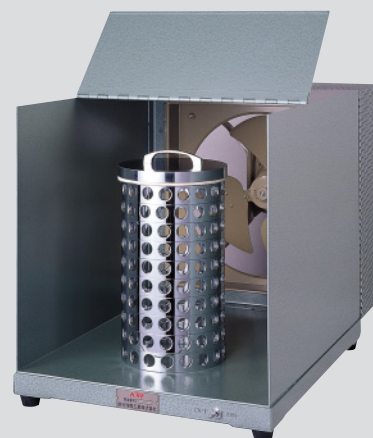
**Standard accessories:** 8 drying rings  
7 drying plates (SUS or chrome plated)  
One weight

**Referential standards:** JIS P-8222-1998, ISO 5269/1,  
TAPPI T205 om-88

**Power source:** 100/110 VAC 50/60 Hz 2A

**Outer dimensions:** 440×800×490 mm

**Instrument weight:** 30 kg



No. 2547