

Sheet Press

Code: P.104.xxx

Usage

For dewatering and pressing laboratory hand sheets.

Applicable standards

- ISO 5269-1
- TAPPI T205
- PAPTAC C.4





Security door prevents injury

Device description

The sheet press allows to dewater and press the hand sheets according to the procedure required by the applicable standards for the preparation of laboratory sheets. The stable parallel pressing plates are moved by four pneumatic cylinders to guarantee the equal distribution of the pressure. The affluent water flows off through the drain gutter. The complete working unit is integrated in a housing to ensure safe and comfortable operation. The parameters pressure, pressing time and lowering speed are adjustable by the control module. An emergency stop switch is placed in operator's visual field.

Specifications

- 4 to 5 pressing cylinders for equal force distribution
- top-quality and manufacturing
- stainless steel housing and drainage parts
- acrylic appliance door
- clearly arranged manipulation buttons
- max. force of 20 kN at 1 000 Pa air pressure



Two adjustable timers for pre- and main pressing

Process description

The stack consisting of one or several batches of dry blotter, couch blotter, laboratory sheet and drying plates is placed in the sheet press. For the first pressing, the pressure is raised continuously and kept for 5 minutes after the first increase in pressure has been registered. After returning to the home position, the drying plates are removed. The second pressing is carried out without drying plates, the pressure is increased rapidly and maintained for two minutes. After the second pressing and return to the home position the stack is removed and ready for drying.

Connections

- Electricity: 100 – 240 V, 50/60 Hz AC
- Air: 5 – 8 kPa
- Drainage: 6 mm hose for draining the water ditch during pressing

Models

Code	Plate size	Max. deviation	Air cylinders	Dimensions	Weight
P.104.100	350 x 350 mm	100 mm	4	430 x 500 x 420 mm	69 kg
P.104.200	350 x 350 mm	200 mm	4	430 x 500 x 650 mm	84 kg
P.104.300	400 x 400 mm	100 mm	4	500 x 500 x 500 mm	110 kg
P.104.400	400 x 400 mm	100 mm	5	500 x 500 x 500 mm	135 kg

Other dimensions are available on request!

Contact your distributor or PTE Austria directly for more information.