

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

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

**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

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

**Outer dimensions:** 1000 x 750 x 1400mm (with support)

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



No.2548

## Labor-saving type standard sheet machine

This is an improved version of the standard sheet machine, for alleviating workload of the operator for couching. The couch roll is placed behind the water cylinder of sheet machine. It is taken out before couching. Press the roll to vertically move it by the function of an air cylinder. The roll is slowly placed down on the wet mat. At the end of the paper making, the roll is returned to the storage. Since it is not necessary to lift the couch roll by hand, it is very effective to prepare many sheets.

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

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

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

**Standard accessories:** agitator, couch roll, couch plate, drainage receiver,  
mounting support

**Referential standards:** JIS P-8222-1998, ISO 5269/1,  
TAPPI T205om-88, TAPPI T-221om-81

**Power source:** 100/110VAC 50/60Hz 3A

**Air source:** 0.5MPa

**Outer dimensions:** 1000 x 750 x 1400mm (with support)

**Instrument weight:** 155kg

