



No. 2109



No. 2120



Chamber

No. 2109

Spray tester

Heat from a corrugating machine and friction with a heat plate may degrade the water repellency of waterproof corrugated board product. Test procedure: place a specimen on a plate inclined 45 degrees and drop one drop of water (0.1 ml) from a burette at a height of 10 mm. Water repellency is evaluated by the condition of water drop on the specimen.

Referential standard: J TAPPI 68-2000

Outer dimensions: 250×450×750 mm

Instrument weight: 21 kg

No. 2120

Vapor permeability tester

Packaging paper for a material to be kept dry must have a high resistance to vapor permeance. Vapor permeability is expressed by the mass of vapor that passes through a unit area of specimen at a certain temperature and a humidity. This tester measures the quantity of water transmission. Test procedure: put silica gel in an aluminum cup, and close the cup with a specimen; leave them at 40°C, 90 % RH for a certain span of time, to measure the mass (in grams) of vapor transmission. Vapor permeability is obtained by converting the measured result to a value per square meter of the specimen.

Components: 12 aluminum cups, 12 glass petri dishes, 12 aluminum rings, 1 cup base, 1 guide, 1 weight about 500 g

Accessory: wooden case

Optinal: Chamber

Referential standard: JIS Z-0208-1976, ISO 2528

Outer dimensions: 390×200×140 mm

Instrument weight: 12 kg