

function

The gelation of PVC is one of the most important product quality considerations as it has an influence on impact strength and resistance to internal pressure. There are various methods to determine the gelation level in PVC pipes and profiles; the most common one is to use Methylene chloride according to various standards. The tester complies with ISO 580 method B, ISO 9852 and equivalent.

highlights

high accuracy temperature control

minimal energy loss

2 designs available

high quality components

unique design

easily accessible service components

version 02/2014

features

With the MC test you test PVC with only one temperature, and on an untreated cut surface. With the MCT test you test PVC on a precision milled surface, commonly in two different temperatures.

The Methylene Chloride Temperature Test Cabinets from SCITEQ can be used both for MC and MCT test, and can be supplied with one, two temperature tanks.



We wish to give our partners the tools to produce to the highest standard, while helping them to produce as cost-effectively as possible with Q.C. tools throughout the factory.

construction

The SCITEQ designed Methylene chloride cabinets are built with solid steel section frames insulated with 75 mm rock wool and covered with aluminum plates. The oblique front is provided with inspection windows that can be opened. The opening movement is performed by means of hand, activated manually but eased by means of a contra weight system, that makes the window glide very easily up. When it is open, the operator has free access to the table top and to the Methylene chloride tank, both of which are made of stainless steel.

In order to ease access to the internal tanks, the lid of the tanks folds in the middle. In addition the cabinet is provided with exhaust fan, cooling compressor, heating element, and liquid mixer. A special re-circulation system and a tray for placing the sample inside the cabinet secures less annual use of the expensive methylene chloride.

Table model also available.



associated equipment

▲ essential equipment

laboratory saw

parallel scratcher

- temperature range: 10°C to 30°C
- control resolution: 0.1°C
- temperature deviation: better than +/- 0.5° C from set temperature
- serial interface: standard temperature logging output to PC SCITEQ Software
- tank internal dimensions: dependant on model
- tank material: 2mm Aisi 304 stainless steel
- tanks: one or two tanks
- air supply: 4-8 bar dry filtered air
- electrical supply: 3 x 400 + N + PE 50hz (others on request)
- dimensions: dependant on model
- weight: dependant on model
- options:
 - automatic sample lifting system
 - twin tank model
 - test end alarm with signal lamp



cabinet model with sink



table top model



SCITEQ A/S
 Rho 3
 DK-8382 Hinnerup
 Denmark
 Tel: +45 86 96 19 33
 Fax: +45 86 96 24 75
www.sciteq.com
[sales\(at\)sciteq.com](mailto:sales(at)sciteq.com)

associated | equipment | essential equipment

laboratory
saw

parallel
scratcher