

SCITEQ Glycerine Cabinet



We help you perform even better



Scope

The SCITEQ Glycerine Cabinet is designed specifically to allow safe and easy heat reversion testing of plastic pipe samples.

The glycerine testers comply with ISO 2505, ISO 2506, ISO 3478, EN 743, and equivalent.

Function

For heat reversion testing of plastic pipe in up to 150 degrees Celsius.

The Glycerine cabinet is suitable for a large range sample dimensions with internal bath dimensions approx. 850x710x650mm (LxWxH).

About Glycerine Cabinet

SCITEQ



Construction

The SCITEQ Glycerine cabinet is built with solid steel section frames insulated with 75 mm rock wool and covered with aluminum plates. The front has inspection window and lid is opened manually but eased by means of a contra weight system. The lid folds in the middle ensuring free access to the table top and the Methylene chloride tank, both of which are made of stainless steel.

The cabinet has an audible/visual alarm and can be delivered with automatic sample lifting system as option, lifting up sample after end test.

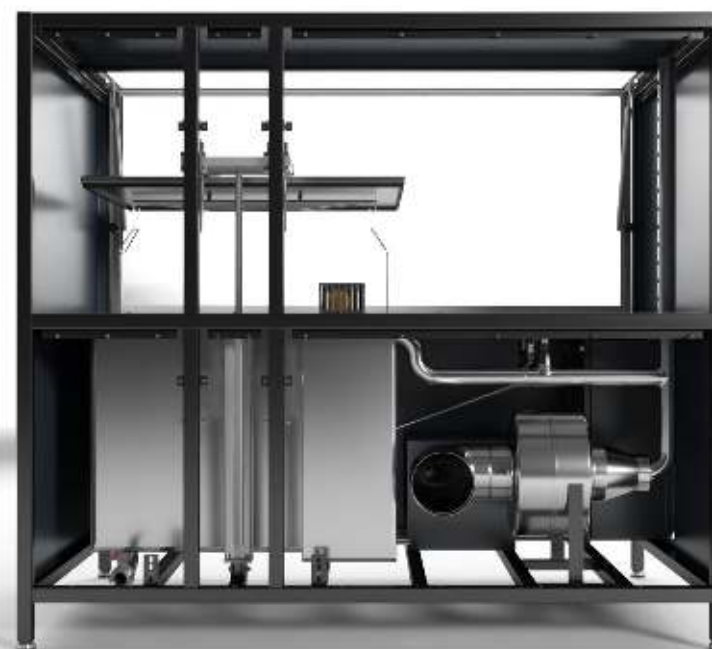
Highlights

- ✓ high accuracy temperature control
- ✓ minimal energy loss
- ✓ Precision
- ✓ unique design
- ✓ easily accessible service components

Standards

SCITEQ Glycering Cabinet enables you to test according to the standards ISO 2505, ISO 2506 or equivalent.

Please contact us at sales@sciteq.com for further information on the test procedure and please refer to technical specifications in this brochure or contact SCITEQ A/S for more information.





Safety features

The cabinet has several safety features ensuring a safe work environment. In addition to the build-in exhaust fan the safety cover enables ensures that fumes are kept inside and removed by the exhaust fan, while enabling a safe view of the table top and the tank. Further, the sample is automatically lifted through the clean water, rinsing the sample for methylene chloride ensuring safe handling.

For heat reversion tests

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100% consistent temperature

The build-in temperature control and heavy insulation ensure a fully consistent temperature within the temperature range up to 150° Celsius.

Test temperature is logged and monitored real-time on the controller and can be exported to computer (optional).

Performance in test

The latest cabinet combines the best of performance and finish which will enhance any laboratory.

The protection plates can be removed to access serviceable parts such as circulation pump, heating elements etc.

Dimensions Glycerine Cabinet

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Dimensions

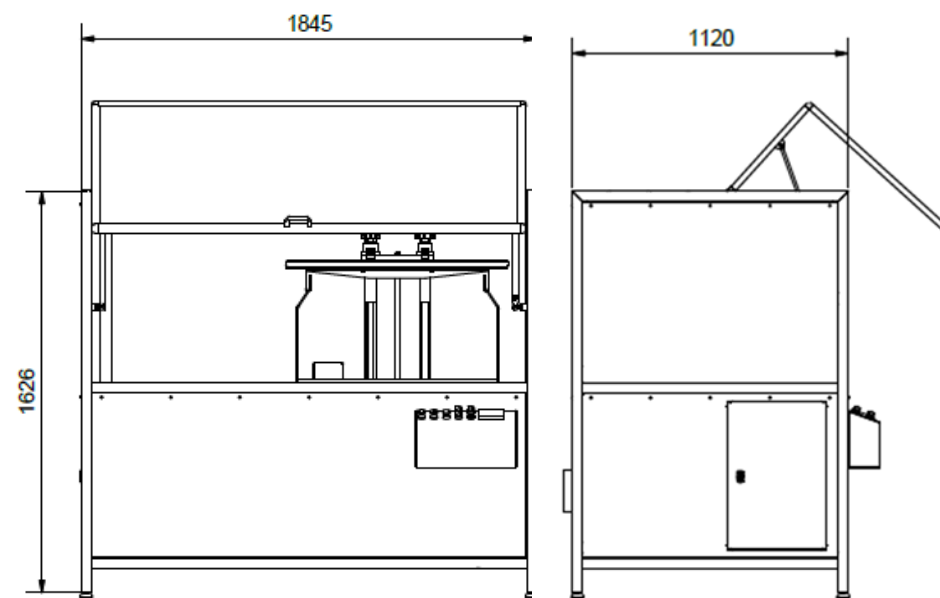
The SCITEQ Glycerin Cabinet dimensions are:

L1845 x W1120 x H1626 mm

Weight from 450 kg.

Tank dimensions:

L850 x W710 x H650 mm – 400 liter





Parallel scratchier

The SCITEQ parallel scratchier is for marking pipes around the circumference before carrying out longitudinal (heat) reversion tests. Both a table model and a portable model available. Further, a table model for inside marking of corrugated/rib pipes available.



Laboratory Saw

The SCITEQ lab saw is specially designed for laboratory preparation of pipe samples for dimensions from \varnothing 32 mm up to \varnothing 660 mm as standard and larger on request. The Laboratory Saw makes cutting and chamfering pipes faster, safe and more precise than ever, with the whole process taking place all in the same time.



Technical specifications Glycerine Cabinet

External dimensions (with closed lid) LxWxH [mm]	1845 x 1120 x 1626
Tank, internal dimensions LxWxH [mm]	Approx: 850 x710 x 650
Height with open lid [mm]	1320
Inner tank volume [liter]	Approx: 400
Weight, empty [kg]	Approx: 450
Weight with glycerine [kg]	Approx: 850
Material: piping and inner tank	AISI 304
Material: frame and coverplates	S235JR (Powder coated)
Automatic sample lift	Optional
Approx: Heating/cooling time (Kelvin/hour)	Approx: 3
Referred standard	ISO 2505, ISO 2506, ISO 3478, EN 743, and equivalent.

Technical specifications Glycerine Cabinet

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temperature range	Up to 150° C
Control resolution	0,1°C
Temperature deviation	better than +/- 0.5° C from set temperature
Visual and sound alarm	√
Build in steam/vapor exhaust	√
Power supply	3x 400 V + neutral, 50/60 HZ
Air supply	4-8 bar
Temperature control accuracy	±0,5 °C
Temp. regulator resolution	0,1 °C
Calibration certificate	√
CE Approval	√



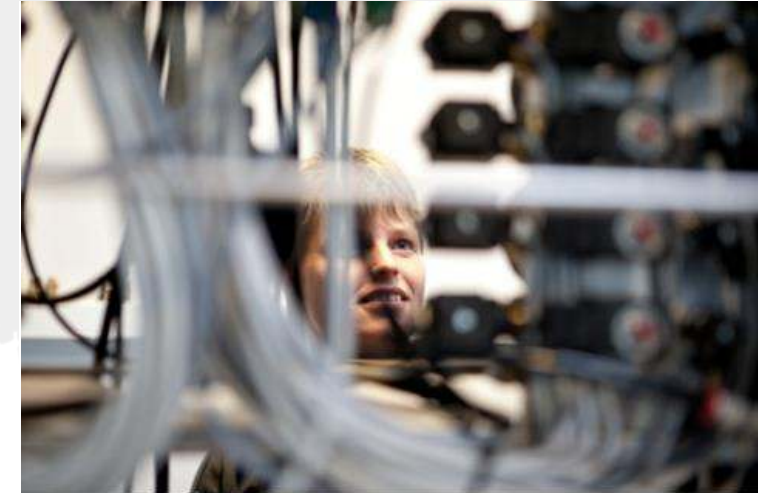
Installation & Training

SCITEQ offers onsite installation of new SCITEQ equipment and onsite or remote training of the operating personnel that are going to use the equipment.



Service agreements

SCITEQ offers service agreements for all SCITEQ equipment, meaning specialized service engineers will visit the customer annual for service and calibration of equipment.



Support online & on-site

SCITEQ offers online and on-site support on all SCITEQ products, for fast and effective problem solving, training, setup, etc.