

function

The SCITEQ 0°C conditioning tank is often required for impact testing and for the RCP small scale test where the test specimen must be conditioned at 0°C. This cold water tank is capable of cooling pipes up to a diameter of 630 mm.

highlights

high accuracy temperature control

minimal energy loss

customer tailored solutions

high quality components

rigid construction

easily accessible service components

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features

SCITEQ 0°C conditioning tanks are designed to provide an efficient and ergonomically attractive solution for sample conditioning and immersion. Tanks can be supplied in two standard dimensions with lids (please see page 2). All tanks are designed in a way that allows easy maintenance; pumps, valves and temperature sensors can all be removed without the need to drain the tank of water. Easy handling and low energy consumption make this the ideal solution for QC laboratories.



construction

This cold water tank is capable of cooling pipes up to a diameter of 630mm. The tank is insulated with 100mm rock wool and constructed on a frame made of heavy section steel covered with PVC plates and lined with stainless steel plates, all with a thickness of 2 mm. The tank is equipped with cooling compressor, water circulation pump, and unit for electronic control of the water temperature which is kept invariably with a general variations of less than $\pm 0,5^{\circ}\text{C}$.

SCITEQ 0°C degree tanks are designed to provide an efficient solution for sample conditioning and immersion. The thermo tanks are designed with focus on functionality and efficiency. The tanks are constructed around a heavy section steel frame providing an extremely rigid platform, the tank body is internally lined with 2mm thick high grade stainless steel plate. The tank is insulated with 100mm thick rock wool on all sides resulting in minimal loss of energy during operation.

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.

associated | equipment ▲ | essential equipment

impact testers

RCP small scale

two sizes are available:

model 4001 design line:

external dimensions 2550 x 1280 x 1100 mm

internal dimensions 1750 x 1000 x 750 mm

weight app. 500 kg

water content app. 1250 litres

model 4002 design line:

external dimensions 1800 x 980 x 1050 mm

internal dimensions 1000 x 700 x 700 mm

weight app. 250 kg

water content app. 400 litres

power supply 400V x3 + N + PE, 50 Hz, 10 Amp.

air pressure 4 to 6 bar for lid.

antifreeze mixture recommended 25% of water content.

