

ALKALI-SILICA REACTION BATH

STANDARDS: CANADA CSA-A23.2-25A

HR-A0925 Alkali-Silica Reaction Bath is used to keep 25x25x258 mm concrete samples in NaOH (sodium hydroxide) at a specified temperature. The temperature can be adjusted from ambient to 100 °C using a digital thermostat with 1 °C accuracy.

Temperature can also be monitored by an external 1°C accuracy PT 100 sensor placed in the water. The bath is completely made of stainless steel and has glass cover.

The chamber has a cover made of stainless steel. Samples are placed on a special rack where each sample stays independent from each other in a vertical position. The bath is also equipped with an electronic water level indicator which gives an alarm when the water level is lower than required.

The device is used to determine the potential alkali reactivity of cement-aggregate combinations (mortar-bar method). This mould is also used for determining the length change of hardened cement paste, mortar and concrete.

By removing the special rack, Aggregate Reaction Bath can also be used as a general purpose water bath.

Length Comparator, Analog or Digital Dial Gauge, Two Gang Prism Shrinkage Mould, Steel Inserts and Reference Rod should be ordered separately.



HR-A0925



HR-CE9010 with
HR-CE9010/1 & HR-CE9010/2



HR-A0905 with HR-G0875



HR-A0905 with HR-G0877

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-A0925	Alkali-Silica Reaction Bath with holding 36 samples	55x100x80	70	220 V, 50-60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-A0905	Length Comparator	18x18x45	6
HR-G0875	Analog Dial Indicator, 10 x 0,01 mm	---	---
HR-G0877	Digital Dial Indicator, 12.7 x 0,01 mm	---	---
HR-G0879	Digital Dial Indicator, 12.7 x 0,001 mm	---	---
HR-CE9010	Two Gang Prism Shrinkage Mould, 25x25x285 mm	33x19x7	4
HR-CE9010/1	Steel Insert for HR-CE9010 (Pack of 10)	---	---
HR-CE9010/2	Reference Rod	30,5	---