

Thermograph & Hygograph

Thermograph (IS:5901-1970)

This instrument is used for continuously recording the temperature (oc). It is available daily / weekly recording versions and used mechanical / quartz clock drum with compact construction. An aged bimetallic helical coil is used as temperature cause deflection of the coil, resulting in rotating the spindle on which the coil is mounted. The spindle carries a pen arm which records all changes in temperature with respect to time.

Measure: Temperature

Temperature Sensor: Bimetallic Strip

Range : -40°C to 50°C

Accuracy : $\pm 1^\circ\text{C}$



Thermograph & Hygrograph

Hydrograph (IS:5900-1970)

Specifications

Material : Light and durable like aluminum or glass reinforced polyester for base and cover and stainless steel or brass for remaining components

Measurement : Humidity

Humidity Sensor : Hair Bundle

Range : 0-100% RH

Accuracy : error should not exceed $\pm 5\%$ above 20% humidity



DUQE Square Business Centre, Quarter
Deck, Queen Elizabeth 2, Mina Rashid,
Dubai (United Arab Emirates)

Tel. +971-525829733

E-mail: sales@instrumex.ae

Represented by

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