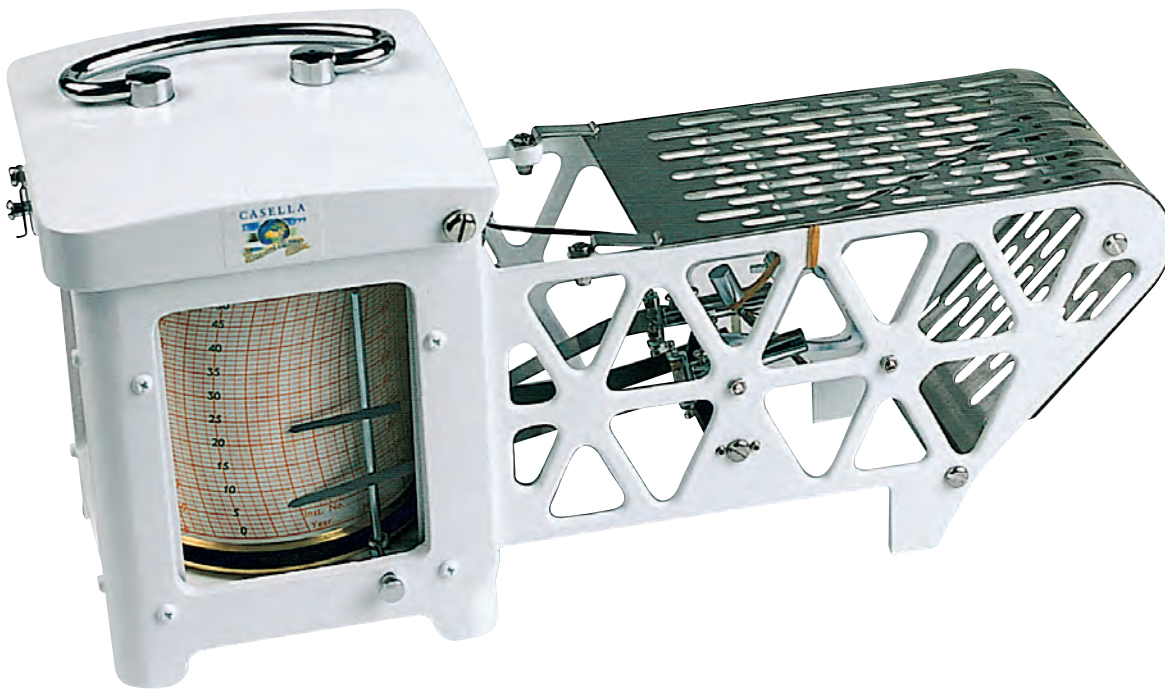


Thermohygrographs



Thermohygrographs continuously record both the temperature and the relative humidity of the atmosphere against time by drawing coloured traces onto a chart.

Features

- Portable
- Accurate
- Easy to operate

Applications

- Museums
- Libraries
- Storage areas

Applicable Standards

BS 1339 Definitions, formulae and constants relating to the humidity of air

Application story – The National Museum of Science and Industry

Established in 1857 as the South Kensington Museum, the Science Museum in London is a major attraction to all ages of visitor interested in science, medicine, technology and industry and serves over 1.5 million visitors every year.

With such a broad diversity of priceless and often unique exhibits, many of which date back hundreds of years, artefact conservation and protection is a primary concern. Like

many museums around the world, the Science Museum in London has used Casella CEL Thermohygrographs for a number of years. The temperature and humidity levels taken from these instruments, are crucial in helping to maintain the correct environment for preservation of the museum's valuable exhibits.



| Specification | THERMOHYGROGRAPHS | |
|--|---|--|
| STANDARD MODEL | | |
| Accuracy | Temperature: $\pm 1\%$ of full scale Humidity: $\pm 3\%$ between 20 and 80%RH | |
| Range | Temperature, 50°C span between -10°C and +50°C (see chart range below) Humidity, 0 to 100%RH | |
| Time scale | Daily: 25 hrs @ 11.25mm/hr Weekly: 168 hours @ 1.6mm/hr Monthly: 31 days @ 8mm/day | |
| Sensitivity | 1°C = 1.64mm, 1%RH = 0.82mm | |
| Chart size | 300 x 90mm | |
| Dimensions | 350 x 150 x 160mm | |
| Weight | 3.2kg | |
| | | |
| Ordering Information | | |
| STANDARD MODEL | | |
| Thermohygrograph with 2 pens each for temperature & humidity | M109014 | |
| Thermohygrograph with 2 pens each for temperature & humidity and calibration certificate | M109015 | |
| All charts must be ordered separately | | |
| | | |
| Accessories and Spares | | |
| STANDARD MODEL | | |
| Black (short) temperature pens (pack of 2) | M118004 | |
| Red (long) humidity pens (pack of 2) | M119003 | |
| 1.5V battery | - B131 | |
| | | |
| Contact Details | | |
| Sales | Tel: +44 (0) 1234 841468 | Fax: +44 (0) 1234 841490 |
| Service | Tel: +44 (0) 1234 847799 | Fax: +44 (0) 1234 841490 |
| | | e-mail: info@casellameasurement.com |