

Measuring box

Measuring without worries



The measuring box is an indispensable part in greenhouses and storage cells. SERCOM supplies a robust electronic measuring box with which the relative humidity (RH) and temperature can be read accurately and reliably. The humidity and temperature sensors are placed side by side in a combined housing, which is constructed of anti-fog teflon. As a result, the humidity deficit, the dew point, the absolute humidity and the energy content can be derived constantly and very precisely.

The temperature measurement in the Sercom measuring box takes place with an industrial platinum sensor. This sensor is extremely stable. The electronics are protected by a waterproof housing made of a UV-resistant plastic and all metal parts are made of stainless steel. The outlet opening is fitted with a grid to prevent rain from entering. The Sercom measuring box fits every company. It is also possible to supply other output voltages and/or temperature sensors.

In brief:

- Compact and robust
- Requires little maintenance
- Industrial temperature sensor
- Stable measurement of temperature and RH
- No need to refill water tank
- Accurate dew point determination
- Grid prevents raining in



Technical data

- *Dimensions (HxWxL)*
285 x 120 x 100 mm
 - *Humidity range*
12,5% to 100% humidity
 - *Precision of humidity range*
Better than 2%
 - *Above 95% RH*
Better than 3%
 - *Temperature range*
-30°C to +70°C
 - *Average lifespan of fan*
40.000 hours
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