

Vaisala Ground Check Set GC25



Features

- Ground check set for Vaisala Radiosonde RS92 family
- Humidity sensor reconditioning for excellent humidity measurement

The Vaisala Ground Check Set GC25 is an essential part of the Vaisala Radiosonde RS92 family. It is used with the Vaisala DigiCORA sounding system.

A better ground check

The Vaisala Ground Check Set GC25 introduces a higher standard of user-friendliness in the ground check for the Vaisala Radiosonde RS92. The RS92 is just inserted into the radiosonde tray. Checking that the radiosonde is functioning correctly, checking sensor accuracy and setting the transmitter frequency are easier than ever before.

Reconditioning

To ensure that the RS92's twin humidity sensors perform at their best, the ground check sequence includes a reconditioning phase for removing possible contamination that may have accumulated on the humidity sensor during storage, for example.

Vaisala service contract

Under Level 1 of the Vaisala Service Contract, a calibration service is available to ensure that your GC25 is always correctly calibrated. When you sign up for Level 1, Vaisala will send you a new Pt-100 sensor unit for replacement in the Vaisala Ground Check Set GC25 before the recommended calibration period expires.

Technical Data

Size	250 x 180 x 95 mm
Weight	2.1 kg
Connectors	External pressure reference Power supply Radiosonde connector

Power supply

Input	100 ... 240 V ~ 47... 63 Hz
Output	16V DC

Reference sensors

Humidity	
Drying agent	Molecular sieve cartridge, regenerable
Range	0 %
Temperature range	0 ... 50 °C
Uncertainty*	0.1 °C
Resolution	0.01 °C
Sensor type	Pt-100 IEC 751

Storage

Storage temperature range	-40 ... +70°C
Storage humidity	0 ... +85 %RH

* The calibration interval is specified in the GC25 User's Guide

Note: The pressure, temperature and humidity performance specifications given for the Vaisala Radiosonde RS92 family are valid only when the Vaisala Ground Check Set GC25 is used to perform the ground check, including reconditioning of the humidity sensor.
