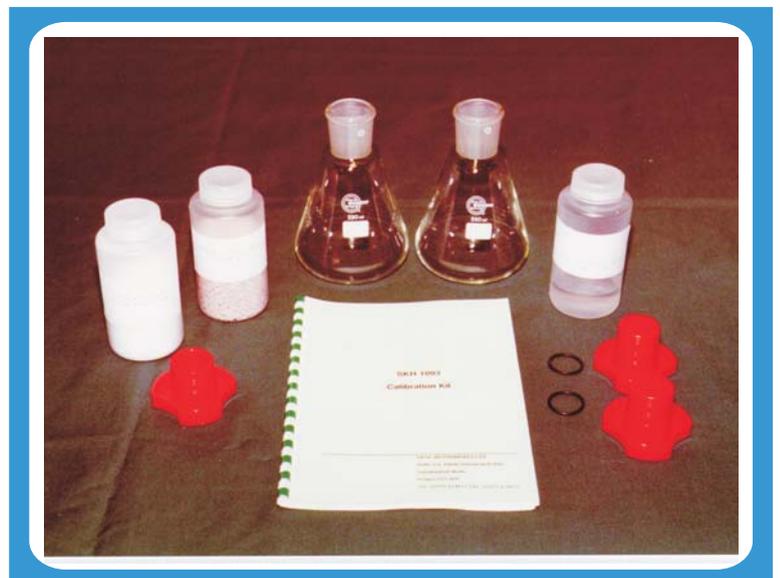




# WATER & AIR

## RH Calibration Kit

-  Complete kit for Relative Humidity calibration
-  Requires a temperature stable environment
-  Reusable for regular calibrations of multiple sensors
-  Easy to use
-  Low cost



All manufacturers of capacitance type Relative Humidity sensors advise that this type of sensor is recalibrated at least annually. Skye recommend a calibration or calibration check at 6 months after initial installation, and then annually thereafter.

Skye's RH sensor electronics are fully adjustable and so can be easily calibrated and corrected at each calibration interval. The sensor can be returned to Skye, or a local RH calibration laboratory, for a full calibration service with Calibration Certificate. Alternatively the RH calibration kit can be purchased for calibration by the user themselves.

The kit's contents allow the user to create environments of known relative humidity, i.e. drying agent for 1 % RH and saturated sodium chloride solution for 75 % RH. Flasks and connectors are included to seal the tip of Skye RH probe within the known relative humidity environments.

There are two RH calibration kits available to suit both types of Skye RH probes. Kit SKH 1093 is suitable for the probe with its electronics in a box below the sensor, range SKH 2010 to SKH 2053. These probes are adjusted back into calibration by means of screw potentiometers.

Kit SKH 1092 plus the CalComm PC interface allows an easier adjustment via the PC of the slimline **rht+** probe range SKH 2060 to SKH 2080. The two kits have different flask sizes for the different style probes.

All the user needs to supply is a temperature controlled environment, such as a water bath or chamber. Full instructions are given for the entire calibration procedure, and refill chemical kits are available for use year after year.



## SPECIFICATIONS

### CONTENTS:

1 x 'Quickfit adapter' to suit 1000 & 2000 series probes

2 x 2000 series 'O' rings

2 x 250ml 'Quickfit' flasks

2 x stoppers for above

Approx. 80g Molecular sieve

Approx. 120g 'Analar grade' Sodium Chloride

Approx. 40mls distilled de-ionised water

1 x Instruction manual

## ORDERING INFORMATION

### rht+ probes SKH 2060 to SKH 2080

**SKH 1092** RH calibration kit  
**CalComm1** PC interface for rht+ probe (non waterproof)

### Probes SKH 2010 to SKH 2053

**SKH 1093** RH calibration kit (full kit)  
**SKH 1093/M** Minimum RH calibration kit, includes instructions, O ring seals and adapted stopper for standard 'Quickfit' flasks only (no chemicals, no flasks)

### Spares for all RH calibration kits

**SKH 1093/R** Refill RH calibration kit, includes fresh chemicals

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