Instruction manual of weather station

The Dial type weather station is made of superior materials. It is composed of a barometer, a thermometer, and a hygrometer. Its superiorities include simplicity, reliability, and easy reading. No special maintenance work is necessary during its long term use.

TECHNICAL INDEX

a. Condition:

Temperature: -20°C — 50°C
Relative humidity: 20%—98% RH
Barometric pressure: 1060 hPa — 960 hPa

b. Precision Grade:

Temperature: -20°C — 50°C : +/-2°C
Relative humidity:
20%—45% RH : +/-9% RH 45%—75% RH : +/-6% RH 75%—98% RH : +/-9% RH
Barometric pressure:
1060 hPa—1030 hPa : +/- 10 hPa 1030 hPa—990 hPa : +/-5 hPa 990 hPa—960 hPa : +/-10 hPa

c. BAROMETER ADJUSTING

1. Obtain the standard atmospheric pressure from your local observatory or other ways.
2. Adjust the spiral on the back of the barometer with adjusting tool, and then make it point to the air pressure you obtained. Knock at the face lightly, in order to eliminate the friction caused by the transmission movement.
3. To avoid the loss caused by internal components, please adjust the hands slowly. If the adjusting range is wide, please adjust for several times separately.

d. NOTICE

Please hang the weather station in adequately ventilated place, avoiding sunshine and corrosive air.

Use it in the required range, do not make it touch water or steam.

Avoid violent vibration and hitting, and do not dismount by yourself.