

DIGITAL HYGROMETER



Relative humidity is an important consideration for both our personal comfort and for storing firearms. For wine connoisseurs it is generally accepted that a range of 55° to 58° F and a relative humidity of 55% to 75% is sufficient for proper storage. For cigars it is generally accepted that 70% relative humidity and 70° F is the optimum combination. Firearms are not so simple because they can be made with either wood or synthetic stocks and with blued or stainless steel actions and barrels. A gun with a synthetic stock and stainless steel action and barrel is almost impervious to humidity and is more concerned with temperature extremes. On the other hand, a gun with a wood stock and a blued steel barrel should be stored at an ideal relative humidity of 45%, which means that anything between 40% and 50% should do the job very well. As mentioned previously, the answer for guns is still not so simple. An example is temperature change (this is the reason the hygrometer shows temperature also). At a relative humidity of 45% and a temperature of 70°, guns will be perfectly fine, however, should the temperature drop to 50° or 55°F, it may approach or exceed the dew point, in which case condensation will begin to form with the potential for rust. This suggests that guns should be maintained at a stable temperature. For guns with wood stocks maintaining constant relative humidity level is also important because the wood is cellular in structure and depending on the direction of the grain and other factors if the cells absorb or expel too much moisture, due to changing humidity, cracks and damage can occur.

Most people are concerned with too much humidity and the potential damage it can cause. However, in dry areas of the country it is just as important to maintain sufficient humidity to avoid damage to wood stocks. What all this means is that you should select a stable storage environment that maintains a relative humidity of between 40% and 50% at a constant temperature.

For storage of reloading components you need to refer to the manufacturer's recommendations for temperature and humidity. However, there is one important overriding safety warning, and that is to maintain a humidity level that will not be conducive to creating static electricity. Just picture what a hot spark can do in a pound of black powder or a package of primers.

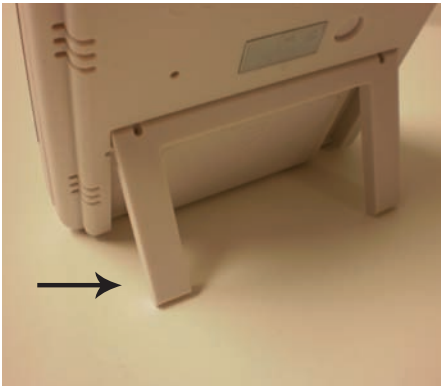
BATTERY REPLACEMENT



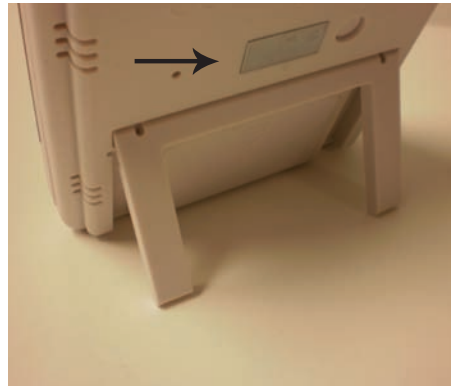
Slide the battery compartment cover to access the battery compartment.



The hygrometer uses one (1) AAA battery. If there is an extra battery slot it is for storing a spare battery only. The minus (-) end of the battery goes against the spring, the positive (+) end goes against the contact with the dimple.



Use the flip out support for a shelf or table top placement.



Use the magnet to attach to steel surface.



It can also hang from a screw or nail.



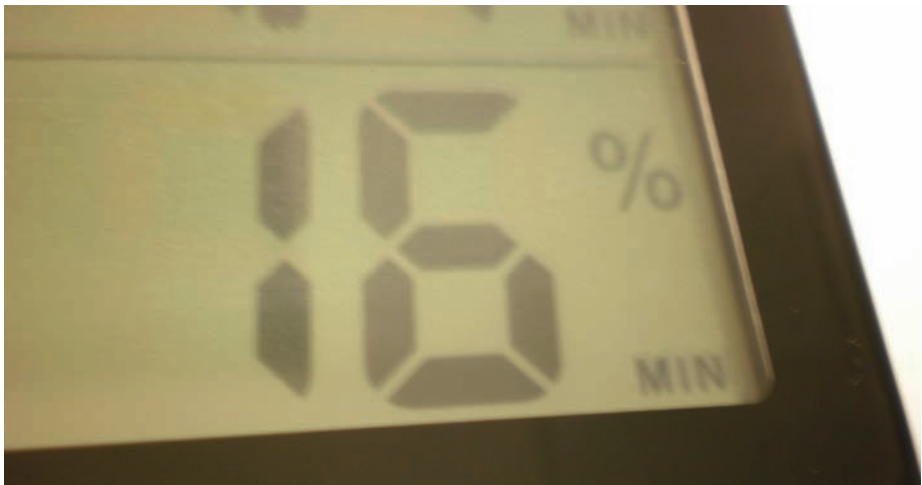
Keep the vents dust free and in an area where the air circulates.



Use the C°/F° button to select Fahrenheit or Centigrade scale.
Use the CLEAR button to clear minimum or maximum values that have been stored in memory.



Press the MAX key to view the maximum values recorded since the last time they were cleared.
Note: Max must be displayed when the clear button is pushed to clear.



Press the MIN key to view the minimum values recorded since the last time they were cleared.
Note: Min must be displayed when the clear button is pushed to clear.

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