

# MAMBA Humidity control

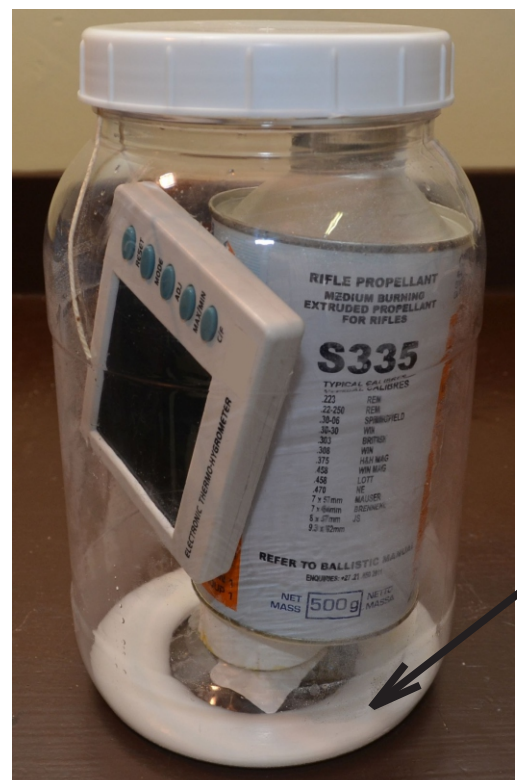
- It is always advantageous to store your components and load your ammunition and propellant in a controlled atmosphere for temperature and humidity;
- Potassium Carbonate ( $K_2CO_3$ ) in a sealed container will continuously maintain the humidity at a level of 43%;
- The humidity of a large column of propellant may take a longer to acclimatize than when it is spread thinly. I recommend that a new container's contents be spread out down to 4mm or less and placed with a solution of  $K_2CO_3$  for at least 5 days – all in a sealed container;
- Similarly for long-term storage of propellants I suggest placing an OPEN tin of propellant into a large enough properly sealed container with a solution of  $K_2CO_3$  at the bottom of the storage container;
- The correct solution concentration is obtained by adding around 25ml distilled water to 100 grams of  $K_2CO_3$ ;
- Read more elaborate articles about propellant humidity control on my web page:

<http://www.mamba-reloading.co.za/homepage.html>

## Requirements:



**Electronic Thermohygrometer**  
(Measures Time, %RH and Temperature)



**3 litre bottle**

**Moist Potassium Carbonate**