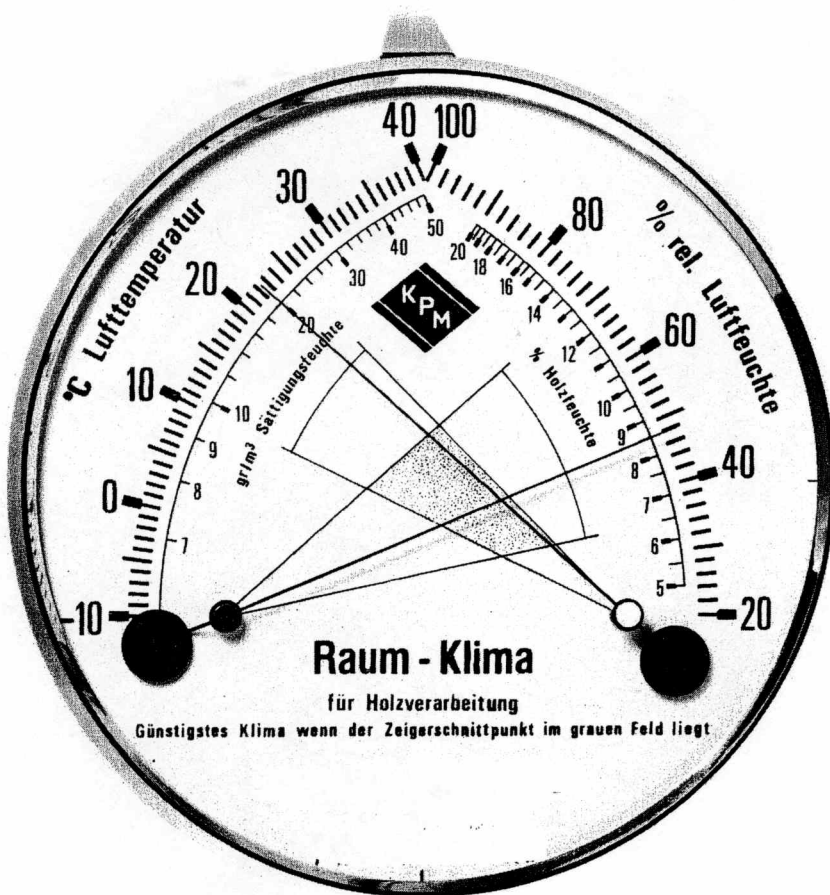


# THERMO-HYGROMETER TH 100

With enamelled aluminium housing  
Of 130mm dia. Ad chromeplated  
Facetted bezel, suspension eye on  
Back of housing.

Scale division:  
-10 to +40°C  
20 to 100% rel. Humidity  
Saturation humidity  
Wood moisture content



## Measuring principle:

The Thermo-Hygrometer consists of a precision hygrometer and a bimetallic pointer-type thermometer.

This permits direct reading of both the Temperature and relative humidity. At the same time, the instrument indicates the saturation humidity in  $g/m^3$  as well as the moisture content of wood as a function of the relative humidity,

Please treat the instrument carefully and protect it from shocks and impacts. If the reading of the temperature and the relative humidity should happen to be incorrect because of ageing or heavy shocks, this can be corrected on the back of the housing by means of a screwdriver.

The measuring spring for indicating the Relative humidity tends to age if the Hygrometer operates constantly at the same level of humidity. To avoid this from happening, check and, if necessary, regenerate the thermo-hygrometer from time to time. For this, wrap the instrument in a moist piece of cloth and keep it in the normal atmosphere for about thirty minutes. Repeat this procedure two to three times.

°C Lufttemperatur = °C Air Temperature  
% rel. Luftfeuchte = % Rel. Humidity  
 $Gr/m^3$  Sättigungsfeuchte =  $gr/m^3$  Saturation Humidity  
% Holzfeuchte = % Wood Moisture

AMBIENT CLIMATE  
For woodworking purposes  
Best climate where pointers intersect in grey area

