

## AWMD-2:

### An Instrument for easy Determination of Water Activity



The AWMD is a small, stand-alone, digital measuring device for determine water activity and material moisture. In site of its small measures the aw value and the temperature can be easily read with high accuracy on the 3.5 digit liquid crystal display (LCD). Due to its small dimensions, easy usage, the well readable display this device is advantageous as well as in laboratory, in production or in quality control. The device has an advantageous price-performance ratio. The device consists of a small measuring chamber that accommodates a plastic shell for the material to be tested. In the same casing, are the capacitive humidity-sensor and the temperature sensor (Pt-100 thermometer) together with the required electronic circuitry. Accuracy: +/- 0.02 aw and +/- 0.3 oC. Resolution: 0.001 aw and 0.1 °C. Measuring range: 0,05 to 0,99 aw or 0 ... 50°C. The device can be calibrated by means of calibrate solutions and accuracy can be increased the same way. Taking a measurement requires 120..140 minutes.