

## Measures of temperature coefficient of linear expansion (TCLE measures)



### PURPOSE

verification, calibration, metrological certification of dilatometric equipment, as well as devices of comprehensive thermomechanical analysis.

### IT CAN BE USED IN

engineering, instrument manufacture, materials institutes and laboratories, glass, polymeric industry.

### DESCRIPTION

TCLE measures represent physical bodies, that carry specified values of relative elongation and average TCLE in the temperature range from 20 to  $t_i$  ° C. TCLE measures differ by applied materials, configuration (cylinders, rectangular and triangular prisms), geometric parameters (length from 5.0 to 140 mm, diameter from 3 to 50 mm, side of the cross section from 3 to 10 mm), operating temperature range and values of relative elongation and average TCLE when its temperature changes.

### TCLE MEASURE EFFICIENCY PRINCIPLE

based on the reproduction of the values of the relative elongation and average TCLE when its temperature changes.

