



CODE **GT2391**
 MODEL..... **DILA LS PT L76 D 1400**
 COVERALL DIMENSIONS..... 1200x400x300mm
 POWER..... 3,5 Kw
 WEIGHT..... 30 kg

POWER SUPPLY

DIMENSIONS 480x400x 300 mm
 WEIGHT..... 40 Kg
 VOLTAGE230 V

DILATOMETER LS PT L76 D 1400 C

DESCRIPTION

DILATOMETER for measuring a single sample from room temperature up to 1400 ° C in air
 -Measurement system in AL2O3
 -With PC and printer
 -Calibration standard AL2O3 with table

TECHNICAL SPECIFICATIONS

- Dilatometer complete with soft- and hardware, incl. calibration standards and accessories
- Data acquisition software for controlling of the Dilatometer with several parameter adjustments incl.
- Temperature range: RT up to 1400°C
- Sample length: up to max. 50 mm
- Sample diameter: up to 10 mm
- Maximum resolution: 0,125 nm/digit
- Temperature programming, gas control etc.

HARDWARE:

- Dilatometer basic unit with amplifier
- Automatic zero setting
- Auto-scheduler
- Electrical thermostatisation of the measuring head
- Measuring system out of Al2O3 (12 mm diameter)
- Sample thermocouple Type S
- Furnace with heating element, RT up to 1400°C
- Thyristor power supply

SOFTWARE:

- Software package compatible with Windows VISTA, 7, 8, 10 etc.
- all necessary measuring parameter are included in the menu structure
- individual commentaries
- heat up and cool down speeds end of the heating curve as well as duration of holding temperature
- repetition of the programming cycles up to 99 times
- 16 programmable segments
- The function menus are easy to manage
- evaluation software with many functions to get complete results of several data
- ASCII Export
- Calculation of Delta L, Alpha physical, Alpha technical (CTE), TG
- Mathematical calculation of curves
- Statistical evaluation of curves with mean and confidence interval
- Print out of the results as curve or table
- Softening point software (protects the measuring system of melting samples)
- Evaluation can be done simultaneously to an ongoing measurement
- Measuring data will be corrected through correction curve
- L75/DTA software package for DTA measurement on Dilatometer

ACCESSORIES AND SPARE PARTS

GT2384	Calibration standard Al2O3 with table
---------------	---------------------------------------