

## Macro Dilatometer L75/1250B/S

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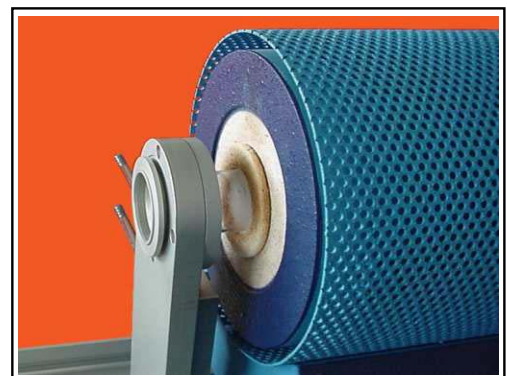
Picture: Macro Dilatometer L75/1250B/S

The recently developed Macro Dilatometer has the ability to measure larger samples up to 120mm in length and 16mm in diameter.



Picture: long sample

It operates from room temperature to 1000°C and is capable of measuring samples in vacuum or inert atmospheres.



Picture: Integrated protection tube

The protection tube is mounted within the furnace and is retracted along with the furnace. This allows for easier handling and changing of the sample.

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The Macro furnace has longer hot zone and a minimal temperature gradient over the long sample.



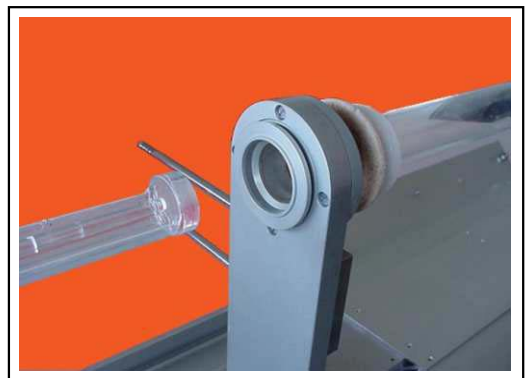
Picture: Special furnace

Optional on the Macro dilatometer include a gas control system.



Picture: Gas control

Various gases can be introduced to the sample either manually or automatically using the software.



Picture: protection tube, sample holder

A Common application for this dilatometer is the measurement of carbon which has a large particle size. Due to the large particle size longer samples with greater diameters must be used to acquire a accurate value for CTE and length change.

Optional closed cooling systems are available which eliminates the need for tap water.