



HIGH-PERFORMANCE CERAMICS

TUBES FOR DILATOMETRY

Application:

High-precision measurement of temperature-dependent dimensional changes

Material:

Aluminium Oxide (Al_2O_3) **DEGUSSIT AL23** or **AL24**

Dilatometry (DIL) is used for the high-precision measurement of temperature-dependent dimensional changes to solids, melts, powders and pastes at programmed temperature changes.

The horizontal dilatometer measurement system is equipped with two high-resolution inductive displacement transducers. Through the use of **DEGUSSIT AL23** or **DEGUSSIT AL24** and comprehensive thermostatic control, it is designed to achieve the highest degree of accuracy, reproducibility and long-term stability in application temperatures of up to 1650 °C.



Fields of Application:

- ▶ Glass industry
- ▶ Ceramics industry
- ▶ Aerospace industry
- ▶ Automotive industry
- ▶ Polymer industry

- ▶ Chemical resistance
- ▶ High form stability
- ▶ Thermal shock resistance

Competence in Advanced Ceramics
Engineering for customized solutions
