# TG 209 *****F3******Tarsus*®

## The easy-to-use and cost-effective thermo-microbalance

The thermo-microbalance, TG 209 ***F3*** Tarsus®, represents a cost-effective overall concept, tailored not only to the quality assurance of [**polymers**](https://www.netzsch-thermal-analysis.com/en/materials-applications/polymers/), but also to routine applications in the fields of [**organic**](https://www.netzsch-thermal-analysis.com/en/materials-applications/organics/), chemistry, pharmaceuticals, cosmetics and food.

This basic instrument for thermogravimetric measurements offers already a resolution of 0.1 µg. The TG 209 ***F3*** Tarsus® operates between room temperature and 1000°C with freely selectable heating rates from 0.001 K/min up to 200 K/min. The accurate sample temperature is detected by a thermocouple in direct contact with the sample crucible. Through the reliable vertical construction with sample carrier lift, the thermo-balance as a top-loader, is easy and safe to use, with no hang-down wires or exposed fragile parts.

The calculated DTA-signal [**c-DTA®**](https://www.netzsch-thermal-analysis.com/en/products-solutions/software/proteus/) (option) not only is ideal for temperature calibration. During sample measurements it yields important information regarding endothermal processes (e.g. vaporization with mass loss or melting without mass loss) as well as exothermal reactions.

For the TG 209 ***F3*** Tarsus® we offer an automatic sample changer (ASC) for up to 20 samples also in different crucible types.