# STA 449 F3 *Nevio*

## Specialized for Demanding Tasks in Research & Development

The simultaneous thermal analyzer NETZSCH STA 449 ***F3*** *Nevio* allows the measurement of mass changes and thermal effects under identical conditions at the same specimen. Thus it makes it feasible to differentiate between e.g., structural changes and degradation phenomena within just one mesurement up to 675°C1.

The high flexibility caused by the various sensors, the great variety of sample crucibles and the wide TGA-measuring range make the system applicable for analysis of different kinds of pharmaceuticals, cosmetic samples or food including also inhomogenous substances.

The vacuum-tight design of the instrument is an essential requirement for evolved gas analysis, i.e., the coupling of the thermal anlyzer to a gas analyzing system such as FT-IR, MS or GC-MS.

Various furnaces, easy interchangeable by the user, cover a very broad temperature range (please see accessories).  
  
In addition, due to its modular setup the STA 449 F3 *Nevio* is also prepared to investigte samples under defined humid atmsophere.  
  
The analysis of measuring data runs under a standard PC and the innovative NETZSCH *Proteus* software.

1optimized temperature range for pharmacy, cosmetics and foodstuffs; depending on the selected furnaces: total temperature range: -150°C up to 2400°C