

# CG - New Capabilities in Direct Solid Analysis

## CGS 4005.01

### AAS ZEEnit® 60 with unique vertical design

The graphite furnace newly designed for the AAS ZEEnit® 60 allows the direct feeding of liquid as well as solid samples.

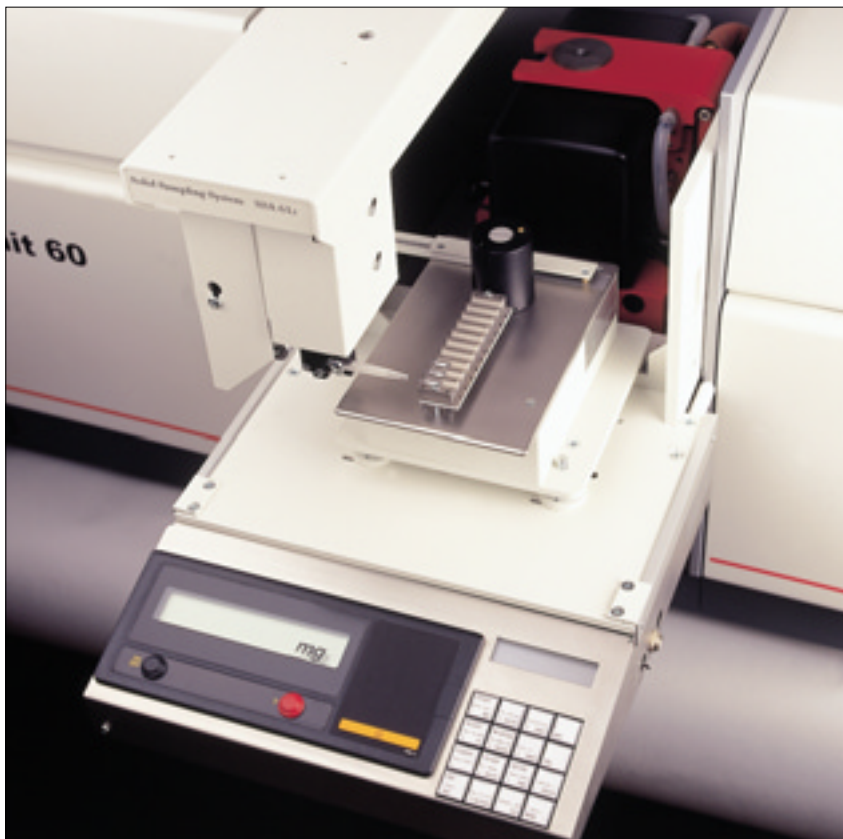


Fig. : SSA 61z automatic solid sampler



Fig.: solid sample carrier

For changing between the two sample types, you simply pull off the left-hand furnace window and change the sampler - it's as fast and easy as child's play!

In recent years, many ways have been opened to direct solid analysis by AAS, a technique that is modern and future-oriented.

The AAS ZEEnit® 60 of Analytik Jena is another instrument that considerably expands the field of direct solid analysis applications by the use of Zeeman background compensation

A specially optimized sample carrier permits analyses of solids in various forms ranging from lumps to powders. The carrier geometry guarantees optimum atomization conditions in the solids tube.

#### **Two different sample feeding systems are available:**

##### **SSA 6z manual solid sampler**

- Manual module for reproducible insertion and removal of the sample carrier
- External manual weighing
- Automatic data transfer to the WinAAS® software

##### **SSA 61z automatic solid sampler**

- Automatic transport of the loaded sample carrier into the furnace
- Fully automatic weighing with an integrated microbalance
- 1 to 10 sample positions available
- Continuous and discontinuous modes
- The automatic cycle can be stopped for adding modifiers