STADI P
THE RAPID, COMPREHENSIVE MODULAR SYSTEM WITH UNSURPASSED RELIABILITY

• Pure Kα1 radiation using Fe, Co, Cu, Mo and Ag anodes
• Ultra high resolution (FWHM<0.03° 2θ)
• Transmission-/Debye-Scherrer or Bragg-Brentano mode
• PDF calculation using Ag Kα1 data

Specifications without obligation and subject to change without notice.

Dimensions (including system cabinet, max.): 1800 x 880 x 2050 mm, Weight: 740 kg (depending on configuration)

For terms and conditions, please send an email to: terms@stoe.com
The very reliable, high-precision two circle goniometer is the basis of a whole range of x-ray powder diffraction solutions. Vertically or horizontally mounted, the STADI P can be built-up in different geometries: Transmission/Debye-Scherrer, Reflection/Bragg-Brentano or both. Two STADI P goniometers, either in the same or different configurations, can be mounted in the same cabinet resulting in two completely independent units. Moreover, two goniometers can share one source.

The STADI P Combi has been designed for high-throughput and combinatorial analysis.

### WHY MEASURE POWDER IN TRANSMISSION-/ DEBYE-SCHERRER GEOMETRY?

- Reliable intensities over the full 2θ scale
- Real microsampling possible
- No height displacement
- Smallest 2θ angles possible (<0.2° 2θ)
- Easy handling of air-/moisture sensitive or hazardous materials

### MULTI-MYTHEN 2K/3K

IDEAL FOR CAPILLARY MEASUREMENTS, all STOE furnaces and the INSITU HT2 heating and reaction chamber

### STADI P COMBI

DIFFRACTOMETER FOR COMBINATORIAL AND HIGH-THROUGHPUT ANALYSIS

- Various state of the art detectors
- Pure Kα1 radiation using Fe, Co, Cu, Mo and Ag sources
- The ultimate platform for laboratory PDF calculations using Ag Kα1 data
- Transmission/Debye-Scherrer or Bragg-Brentano mode
- Ideally suited for the analysis of air/moisture sensitive and micro samples
- High and low temperature attachments

### STADI P COMBI

- 96-fold sample stage – user definable x/y grid
- Pure KCl2 radiation using Co, Cu, Mo or Ag sources
- Transmission geometry

Also available as STADI MP

One diffractometer - three geometries

- Transmission/Debye-Scherrer, High Flux and Bragg-Brentano mode
- Geometry selection by sliding tube housing without realignment
- All geometries running with pure Co, Cu, Mo or Ag KCl2 radiation

### ACCESSORIES

- Customized high/low temperature systems, sample changers, etc. are available for each geometry

### FOCUSING-MONOCHROMATORS

- Pure Kα1 radiation using Fe, Co, Cu, Mo and Ag sources

### DETECTORS

- State of the art detectors
- PIN diode point detector, imaging plate and silicon strip detectors