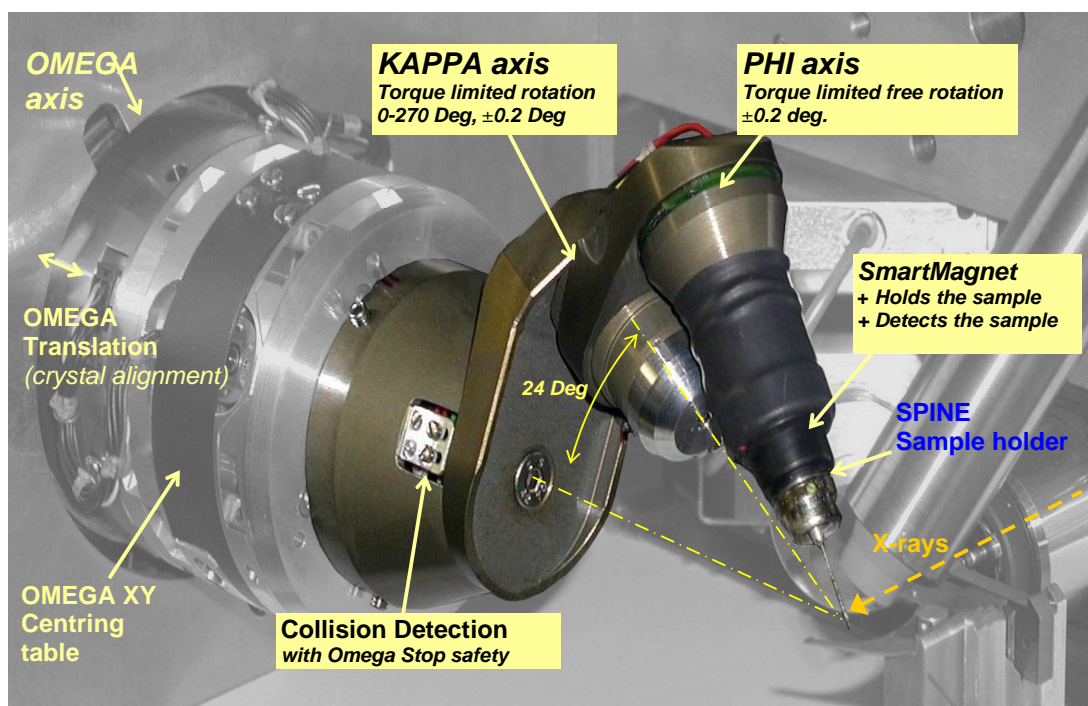


EMBLEM Technology Transfer GmbH, MAATEL Ingénierie et Production Electroniques and Bruker ASC are cooperating on the MD2 Microdiffractometer and other instrumentation for protein crystallography developed at EMBL, Grenoble and ESRF. Bruker ASC is very pleased to exclusively promote these products worldwide.

Mini-Kappa Goniometer Head



The Mini-Kappa head is composed of a motorized PHI spindle mounted on a motorized KAPPA arm. The device should be mounted on top of a host single axis goniometer (OMEGA) equipped with crystal-centering and alignment function like the PHI axis of the MD2x diffractometers (named OMEGA when equipped with a Mini-Kappa Head). The crystal (sample holder) is mounted directly on the PHI axis of the Mini-Kappa Head, and held by a permanent magnet (or optionally by an electromagnet).

- **< 5 μm SOC (radius)**
- **$\pm 0.2^\circ$ typical PHI angular precision**
- **0 to 48° CHI angular range**
- **Stepper motor PHI and KAPPA axes**
- **Compatibility with 22 mm sample holders (SPINE standard)**
- **SmartMagnet for sample holding and holder detection**
- **Compatible with STAC (Strategy for Aligned Crystals) Software**

Bruker ASC

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Please contact:

Dr. Chitra Venkataraman • Bruker ASC • Friedrich Ebert. Str. 1 • 51429 Bergisch-Gladbach
Phone +49 (2204) 84-3837 • Fax +49 (2204) 84-5001 • E-Mail chitra.venkataraman@bruker-asc.com