

# Application

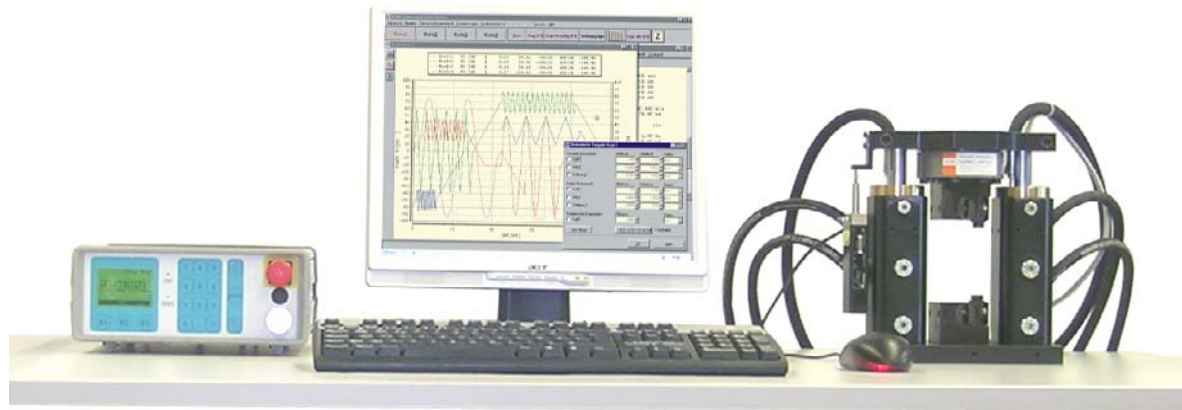
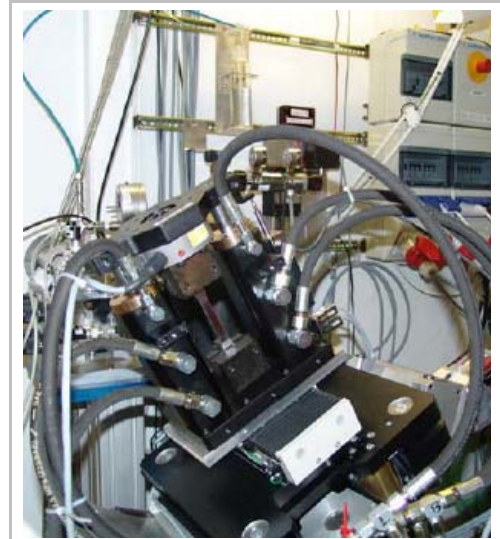
## Servohydraulic Dynamic Testing System Type LFV – S 20 kN

Specially designed miniature testing machine in dual-actuator-construction for static, quasi-static and cyclical testing up to 10 Hz of small specimens according to DIN 50 125 and other relevant international standards.

### Features:

- Rigid load frame in dual-actuator-construction
- Double acting servo-actuators
- Mechanical wedge grips for flat and round specimens up to 135 mm length and 6 mm width
- Digital piston stroke transducer
- Dimensions W x D x H: 200 x 130 x 250 / 270 mm
- Weight: 20 kg
- High precision clip-on axial extensometer
- Closed loop testing in connection with digital controller, PC and testing software **DION**.
- External free-standing hydraulic power pack
- Accuracy class 0.5 according to ISO 7500-1 and ISO 9513.
- Specially designed for horizontal or vertical use on a x-ray / neutron diffractometer

**Customer:** Hahn-Meitner-Institute Berlin, Germany



w+b