QualiMaster
Rheology with the EIRICH Intensive Mixer
Technical features

- Rotational rheometer function with low-speed mixing tool
- Mixing pan stands still or runs at low speed to support material flow
- Measuring with configurable step or ramp profiles
- Graphic flow curves and time-based diagrams
- Bingham, Herschel-Bulkley and Thixotropy parameter calculation

The major advantages

- Relative in-situ measurement with installed mixing tool
- High process safety without material decanting
- Person-independent reproducibility
- Digital data exchange and long-term storage
- Browser-based user interface and easy network access

The unique EIRICH mixing principle

- Rotating mixing pan for material transport
- Variable-speed mixing tool for optimum mixing results
- Static multi-purpose bottom/wall scraper for additional agitation of the material flow

Laboratory mixer, 40 liters capacity
**Measurement example**

Raw data from step profile

Speed of the mixing tool: 0 - 0.9 m/s

Material: Concrete, SCC

**Time-based diagram**

![Time-based diagram](image)

**Flow curve**

![Flow curve](image)