

MICRO GRINDER EXAKT 400 CS

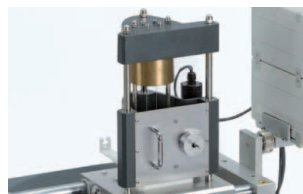


The micro-grinding system EXAKT 400 CS is of paramount importance in the sample preparation process of coplanar thin sections in a thickness of down to 10 microns. The high-precision engineered system is based on a user-friendly machine concept. The electronic control of the grinding process allows μ -accurate and reproducible results. The material layer thickness to be removed is conveniently entered on the controller display. The grinding process ends automatically upon reaching the setpoint value entered.

Absolutely coplanar and with a polished finish the best possible surface quality can be achieved and samples with tolerances below $5\text{ }\mu\text{m}$ be precisely produced.

HIGHLIGHTS

- › Precise adjustable ablation
- › Grinding accuracy μ -precise
- › Evenly water cooled sample
- › Fine adjustable feed
- › Vacuum mounting for small and large slides
- › Even surface patterns by oscillation
- › Various grades of abrasive papers available
- › Optional diamond-coated grinding plate



TECHNICAL SPECIFICATIONS

MICRO GRINDER EXAKT 400 CS

Dimensions

Installation area (W x D x H mm)	1000 x 800 x 700
Hight (mm)	600
Operating hight (mm)	270
approx. weight (kg)	ca. 90

Tempering

Water connection – Inlet (Ø mm)	6
Water connection – Outlet (Ø mm)	24
max ambiente temperature (°C)	40

Electrical connection

Variant 1: Voltage (V)	1 x 220–240
Frequency (Hz)	50–60
Power (W)	150
Variant 2: Voltage (V)	1 x 100–110
Frequency (Hz)	50–60
Power (W)	150

