Supermini200 specifications

X-ray generator	Max. 50 kV, 4 mA
X-ray tube	Pd target, 200 W air-cooled
Crystal changer	3 crystal changer
Analyzing crystals	Standard: LiF 200 (for Ti-U) and PET (for Al-Ti), option: RX25 (for F-Mg) or Ge (for P-Ca)
Detectors	Light elements: F-PC (gas flow proportional counter), heavy elements: SC (scintillation counter)
Primary beam filter	Automatic in and out; select one from Zr filter for Cd analysis (standard) and Al filter for trace K analysis
Sample changer	12-position sample turret
Sample size	Maximum sample size 44 mm diameter, 33 mm height
Sample spinning	30 rpm
Spectrometer chamber atmosphere	Vacuum, vacuum/helium (option)

Vacuum pump	Rotary pump
Operating system	Windows® 7
Power requirements	100 – 120V (50/60 Hz) 15A or 200 – 240V (50/60 Hz) 10A
Installation environment	Temperature 15-28°C, relative humidity less than 75%