

UMF-2000

LOW LEVEL ALPHA-, BETA- COUNTER

- Simultaneous measurement of alpha/beta activities in the sample
- Active shielding: anti-coincidence background subtraction using GM counters
- Lead shielding 30 mm



UMF-2000
Detector area
1000 mm²

Physical characteristics

Detectors:

- Silicon specrometric detector 500 or 1000 mm²

Measurement range:

- Alpha: 0.01 ÷ 1000 Bq
- Beta: 0.1 ÷ 3000 Bq

Energy range:

- Alpha: 3.5 ÷ 8.0 MeV
- Beta: 0.05 ÷ 3.5 MeV



UMF-2000
Detector area
500 mm²

Electrical characteristics

Power supply:

- 220 V, 50 Hz

Interfaces:

- RS-232
- USB

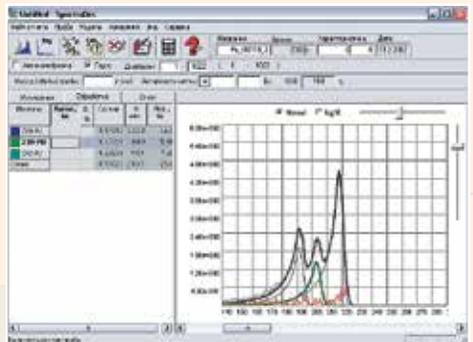
Mechanical characteristics

Overall dimensions, weight:

- 337×286×190 mm, 22 kg

Versions:

- Detector area 500 mm²
- Detector area 1000 mm²



SpectraDec software for alpha-spectrometric measurements