

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

Physical characteristics

Detectors:

- Silicon specrometric detector 450 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

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 450 mm²
- Detector area 1000 mm²



UMF-2000
Detector area
1000 mm²



UMF-2000
Detector area
450 mm²