

PLACES OF APPLICATION

- Nuclear establishments
- Environment survey
- Mobile monitoring

FEATURES

- Gamma radiation measurement
- High sensitivity
- Wide measurement range
- Quick operation
- Excellent reliability
- Full parameter programming
- Storage of measurement values
- Special average calculation
- Two fixed, one dynamic alarm thresholds
- Military construction



The BNS-98 is a highly sensitive gamma radiation meter with an extremely wide measurement range. The device was designed to operate even under extreme meteorological conditions. Its case is sealed and it does not contain any manual control buttons. The remote dose-rate meter is suitable to operate on vehicles, aeroplanes or as the radiation detector of the TVS-3 environment monitoring station. The device contains a special algorithm as well, which alarms in case of the significant increase of radiation level both in short or long periods of time. The BNS-98 communicates via a bidirectional line and can be connected to a computer. BNS-98S version is available for measuring equivalent dose rate (Sv/h).

Technical parameters		
<b>Nuclear parameters</b> According to IEC 61017 Measurement range 50 nGy/h ... 500 mGy/h 15% BNS-98S: 30 nSv/h ... 1 Sv/h (15%) <b>Indication range</b> 10...50 nGy/h, 500 mGy/h...10Gy/h (30%) BNS-98S: 10 ... 30 nSv/h, 1 ... 10 Sv/h (30%) <b>Energy range</b> 60keV ... 1,5MeV BNS-98S: 55keV ... 1,5MeV	<b>Set up time</b> 4s ... 120 s <b>Measuring time</b> 2s ... 240 automated <b>Communication</b> RS-485, 19200 Bps <b>No. of devices on one cable</b> 32 <b>Calibration and test</b> Remote <b>Power supply</b> +9 ... 27 V remote	<b>Electromagnetic compatibility</b> IEC 801 EMC (resistance) IEC 55011 (emission) <b>Temperature range</b> -25°C ...+50°C <b>Housing</b> Sealed <b>NSN:</b> 6665-51-000-5269 <b>Dimensions</b> 115 mm x 90 mm x 170 mm (WxLxH) <b>Weight</b> 1.9 kg