

within the ranges from $2 \cdot 10^4$ to $2 \cdot 10^5$ and $2 \cdot 10^5$ to $2 \cdot 10^6$ Bq/kg. ± 40 .

3.8. Energy dependence of instrument readings while measuring:

field equivalent dose rate of gamma-radiation, %,

not worse than $+50$
 -25 ;

beta-radiation Intensity from surface, %, not worse than ± 150 .

3.9. Measurement time of field equivalent dose rate of gamma-radiation does not exceed, s:

within the ranges of from 1 to 10 and from 10 to 99.99 $\mu\text{Sv/h}$ (the S3 slide-switch is in the upper position) 28;

within the ranges of from 0.1 to 1 and 1 to 10 $\mu\text{Sv/h}$ (the S3 slide-switch is in the lower position) 280.

3.10. Measurement time of beta-radiation intensity from surface (for radionuclides strontium-90+yttrium-90) does not exceed, s:

within the ranges from 1 to 10 and from 10 to 99.99 $1/(\text{s}\cdot\text{cm}^2)$ (the S3 slide-switch is in the upper position) 18;

within the ranges from 0.1 to 1 and from 1 to 10 $1/(\text{s}\cdot\text{cm}^2)$ (the S3 slide-switch is in the lower position) 180.

3.11. Measurement time of specific radioactivity of radionuclides caesium-137 does not exceed, s:

within the ranges of from $2 \cdot 10^4$ to $2 \cdot 10^5$ and from $2 \cdot 10^5$ to $2 \cdot 10^6$ Bq/kg (the S3 slide-switch is in the upper position) 40;

within the ranges of from and from $2 \cdot 10^3$ to $2 \cdot 10^6$ Bq/kg (the S3 slide-switch is in the lower position) 400.

3.12. Time of reaching the operating conditions, s, max 10.

3.13. The instrument generates an intermittent audible signal and displays "P" symbol on the indicator panel upon completion of a measurement cycle.

3.14. The instrument provides for setting any out of 31 possible thresholds of signaling operation as to the field equivalent dose rate of gamma-radiation within the range, $\mu\text{Sv/h}$ 0.1 - 16.

3.15. Instrument's continuous operation time, h (at least) 12.

3.16. The following conditions are considered to be normal for the Instrument use:

- 1) ambient air temperature, $^{\circ}\text{C}$ from -10 to 35 ;
- 2) relative air humidity at 30°C , % 75 ± 3 ;
- 3) atmospheric pressure, kPa 86-107.

3.17. Admissible complementary measurement error of the instrument, %:

- 1) upon changes of operating temperature to its limiting operating values (from $20 \pm 5^{\circ}\text{C}$) ± 15 ;
- 2) upon changes of relative air humidity up to (75 ± 3) % at a temperature of 30°C ± 10 .

3.17. The Instrument is powered by the "Korund" battery.

3.18. Instrument's complementary measurement error caused by the battery discharge down to 6.0 V does not exceed, % ± 10 .

3.19. Instrument's overall dimensions, mm, max: without package $153 \times 77 \times 39$;

with package $166 \times 92 \times 54$.