Neutron counter

Number pp	Device Type	Specifications	Nom. operating voltage range, B	Starting voltage account (RTA. Crowns. Level) B	Own background, -1 max	Background corona discharge current, uA max	Dimensions, mm	Weight g
1.	SNM 11	ODO.339.070TU	1500-3000	600-700	0.017	27.5	Ø18.5 * 336	50.0
2.	SNM 12	ODO.339.070TU	500-700	no less than 400	0.008	11.0	Ø8.5 * 215	16.2
3.	SNM 13	ODO.339.070TU	450-600	not less than 450	8.10^{-5}	5.5	Ø8.5 * 85	11.5
4.	SNM 14	ODO.339.070TU	450-600	600-700	0.017	27.5	Ø18.5 * 153	24.0
5.	SNM 16	ODO.339.071TU	2000-2800	at least 2000	0.083	25.0	Ø18.5 * 158	30.0
6.	SNM 17	ODO.339.071TU	2000-2800	at least 2000	0.83	25.0	Ø18.5 * 251	40.0
7.	SNM 18-1	ODO.339.546TU	1700-3000	1450-1650	0.83	25.0	Ø32.0 * 320	180.0
8.	SNM 32	ODO.339.281TU	1500-3000	600-700	0.017	25.0	Ø18.5 * 323	42.0
9.	SNM 42	ODO.339.281TU	1500-3000	600-700	0.017	25.0	Ø18.5 * 153	25.0
10.	SR 19N	ODO.339.142TU	2000-2800	600-1750	0.1	15.0	Ø33.3 * 218	130.0
11.	SNM 18	ODO.339.072TU	1275-1500	---	0.05	---	Ø32.0 * 320	180.0

Proportionate and Crown neutron counter

Crown counters operate in a stable corona discharge application which allows you to:
- Get plateau counting response length of several hundred volts;
- Obtain the amplitude of the desired signal to hundreds of millivolts;
- Exploit counters background gamma radiation up to 1000 rengen per hour.

Specifications of neutron detectors with the B-10								
Detector Type	Diameter		Length		Voltage corona ignition discharge in	Temperature range oC	Working voltage, B	Effectiveness to heat neutrons, %
	(Mm)	(In.)	(Mm)	(In.)				
SNM 9	18	0.71	133	5.24	700	0 - 50	1300	-
SNM 11	18	0.71	335	13.2	700	-50 - 150	1600	15
SNM 12	8	0.31	215	8.46	450	-50 - 100	500	15
SNM 13	8	0.31	85	3.37	450	-50 - 100	500	15