

Sealed Cobalt-60 radionuclide gamma sources type GK60T2 with holders

The sources are used in gamma-based medical therapy units of intracavitary irradiation.

Source specification

Source Type	Source dimensions, mm			Active core dimensions, mm		Nominal EDR at 1 m distance, A/kg	Equivalent activity (estimated value), Bq (Ci), max
	Diameter D	Length L ₁ (max)	Length of the source with a holder L	Diameter d	Length l (max)		
GK60T2	1,6 ^{+0,1}	11,0 ^{+0,5}	(200 – 1000) ^{+0,5} _{-0,1}	0,5-1,0	5,0	(49,64-198,56)•10 ⁻⁹	(2,2-8,8)•10 ¹⁰ (0,6-2,4)

The sources meet the requirements of the Standard GOST P 50629-93 'Special Form Radioactive Material'.

GOST 25926-90 (ISO 2919-99) classification: C(E) 64343.

Projected service life of the source – 5 years, provided the total number of 'dispatch-return' cycles does not exceed 5000.