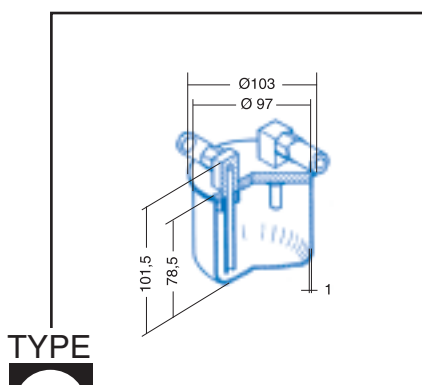




## Multigamma ray gaseous standards

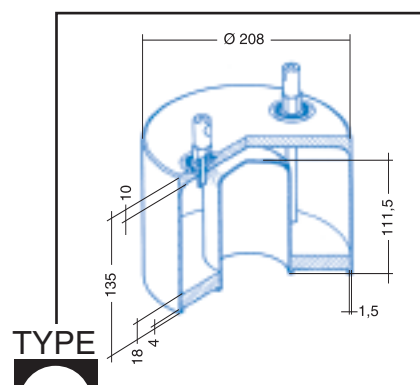
Multigamma ray gaseous standards are used for calibrating gamma spectrometers used in monitoring radioactive gaseous releases. The mixture of krypton-85, xenon-127 and xenon-133 is packaged in type SG500G (500 cm<sup>3</sup>) and SG3000G (3000 cm<sup>3</sup>) containers (see diagrams below) at below atmospheric pressure. Gamma energies rays within 80 - 600 keV.

### • Available packaging



TYPE  
**C**

**Container:** SG500G (500 cm<sup>3</sup>)  
**Mass per unit area of container wall:** 270 mg.cm<sup>-2</sup>  
**Mean mass:** approx. 420 g



TYPE  
**D**

**Container:** SG3000G (3000 cm<sup>3</sup>)  
**Mass per unit area of container wall:** 400 mg.cm<sup>-2</sup>  
**Mean mass:** approx. 2500 g

Radionuclides	Product code	Activity		Packaging		Measurement uncertainty %
		kBq	µCi	Volume cm <sup>3</sup>	Type	
<b>MIXTURE</b>	<b>9ML02EZMC67</b>	1 x 10 <sup>4</sup>	2,7 x 10 <sup>2</sup>	500	C	4 to 5
<b><sup>85</sup>Kr, <sup>127</sup>Xe, <sup>133</sup>Xe</b>	<b>9ML02EZMD67</b>	1 x 10 <sup>4</sup>	2,7 x 10 <sup>2</sup>	3 000	D	4 to 5

#### Legend:

Contact LEA regarding lead times for products shown in the table.

### • Multigamma mixture containing

	<sup>133</sup> Xe	<sup>127</sup> Xe	<sup>85</sup> Kr
Metal container SG500G	39 kBq	32 kBq	6,5 MBq
Metal container SG3000G	70 kBq	25 kBq	6 MBq

### • Accessories for gases

	Volume (cm <sup>3</sup> )	Type	Product code
Metal container SG500G	500	C	<b>9ACETZW</b>
Metal container SG3000G	3000	D	<b>9ACETZX</b>