

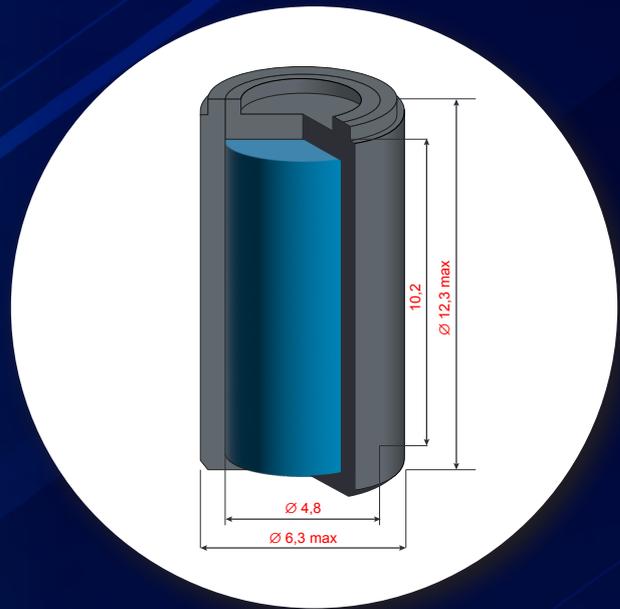
# Cesium 137 (Cs-137)

## SEALED SOURCES FOR INDUSTRIAL GAUGING

Oserix offers a range of high-energy gamma *Cesium-137* sealed sources tailored for industrial applications, including radiometric analysis, industrial level gauging, density gauging, multi-point density arrays, and calibration applications.

Our industrial sealed sources are expertly constructed using stainless steel components, ensuring their durability even in challenging environments.

Given the widespread utilization of Cs-137 in industrial gauges, we provide comprehensive technical support to assist our customers in selecting the most suitable source for their specific requirements.



### **Recycling and disposal :**

Oserix can offer full service in the recycle and disposition of sealed Cs-137 sources. Please, contact us for further details.



Your **NDT** partner



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INDUSTRIAL GAUGING

## TECHNICAL SPECIFICATIONS

<b>Capsule type</b>	CsS-86H
<b>Encapsulation</b>	Single, stainless Steel
<b>Capsule material</b>	1.4541 (KO36Ti)
<b>Welding</b>	laser welding
<b>Size of the source</b>	diameter 6.3 mm x 12.3 mm
<b>Standard Activity Range</b>	0,5mCi - 500 mCi (18,5 MBq - 18,5 GBq)
<b>Activity tolerance</b>	+/-10%
<b>Max surface contamination</b>	<185 Bq
<b>Radiation type</b>	High Energy Gamma Source
<b>Half life (T<sub>1/2</sub>)</b>	30.17 years
<b>Recommended Working life</b>	15 years



## ORDERING PROCESS

Order deadline 4-8 weeks in advance.  
Please contact our sales team at  
[contact@oserix.com](mailto:contact@oserix.com)

## DELIVERY

We provide worldwide delivery option in Type A containers,  
or we can load the sources into the certified Type A shipping  
container provided by the customers.

IATA code: UN2915, Proper shipping name: Radioactive mate-  
rial, Type A package [non-special form]

## NR. ACTIVITY

NR.	ACTIVITY	
	[MBq]	[mCi]
1	18,5	0,5
2	37	1
3	55,5	1,5
4	74	2
5	111	3
6	185	5
7	222	6
8	370	10
9	555	15
10	740	20
11	985	15
12	1110	30
13	1850	50
14	2960	80
15	3700	100
16	5550	150
17	7400	200
18	9250	250
19	12950	350
20	18500	500

Possibility to have higher activity on demand.

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