Radiometric level and density measurement
Gamma Source FSG60

Gamma radiation source (137Cs) for radiometric level, point level, density and interface measurement

Benefits:
- Specially constructed source capsule conforms to strictest safety requirements:
  Typically class C66646 to ISO 2919
- Point source in special source container ensures simple handling and easy installation
- Choice of activity ensures optimized dosage for your application
- High cost-effectiveness due to long half-life time

Specs at a glance
- **Process pressure / max. overpressure limit**: Any

Field of application: The Gamma Source FSG60 has a very long lifetime thanks to its long half-life time. Common used standard isotope in the industrial process measurement.

Features and specifications

Continuous / Liquids

**Measuring principle**
Radiometric

**Characteristic / Application**
Source
Isotope: Caesium 137
Half-life: 30 years

More information and current pricing: [www.us.endress.com/FSG60](http://www.us.endress.com/FSG60)
Continuous / Liquids

**Specialties**
Double seal
Steel: 1.4541 (321 S 18)
Classification C66646 ISO 2919

**Ambient temperature**
-20°C ... +250 °C
(-4°F ... 482 °F)

**Process pressure / max. overpressure limit**
Any

**Pressure measuring range**
Any

**Components**
Installed in source container

Continuous / Solids

**Measuring principle**
Radiometric

**Characteristic / Application**
Source
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Activity calculation with Applicator
### Continuous / Solids

**Ambient temperature**
-20°C ... +250 °C
(-4°F ... 482 °F)

**Process pressure / max. overpressure limit**
Any

**Components**
Installed in source container

### Point Level / Liquids

**Measuring principle**
Radiometric Limit

**Characteristic / Application**
Source
Isotope: Caesium 137
Half-life: 30 years

**Specialities**
- Double seal
- Steel: 1.4541 (321 S 18)
- Classification C66646 ISO 2919
- Activity calculation with Applicator

**Ambient temperature**
-20°C ... +250 °C
(-4°F ... 482 °F)

**Process pressure / max. overpressure limit**
Any

**Components**
Installed in source container
## Point Level / Solids

**Measuring principle**
Radiometric Limit

**Characteristic / Application**
Source
Isotope: Caesium 137
Half-life: 30 years

**Specialities**
Double seal
Steel: 1.4541 (321 S 18)
Classification C66646 ISO 2919
Activity calculation with
Applicator

**Ambient temperature**
-20°C ... +250°C
(-4°F ... 482°F)

**Process pressure / max. overpressure limit**
Any

**Components**
Installed in source container

## Density

**Measuring principle**
Radiometric Density

**Characteristic / Application**
Source
Isotope: Caesium 137
Half-life: 30 years

**Ambient temperature**
-20°C ... +250°C
Density

**Specialties**
Double seal
Steel: 1.4541 (321 S 18)
Classification: C66646 ISO 2919
Activity calculation with Applicator

**Components**
Installed in source container

More information [www.us.endress.com/FSG60](http://www.us.endress.com/FSG60)