### thermo scientific



# DDG3

## High Performance Digital Density Measurements of Liquid or Slurry

The Thermo Scientific High Performance Digital Density Gauge with the latest Controller is a non-intrusive, non-contact nuclear density gauge which can accurately measure the density or percent solids of a liquid or slurry in a pipe for any application. The DDG3 allows accurate process control and optimum productivity in the processing of liquids and slurries.



#### Industries

- Mining processing
- Coal operations
- Food processing
- Pulp and Paper
- Water treatment
- Dredging
- Petrochemical

#### Applications

- Process Control
- Plant mass balance
- Thickener underflow
- Cyclone and spiral feed control
- Concentration determination
- Quality control
- Flotation feed control

#### Advantages of the DDG3 include:

- Non-intrusive density measurement, suitable for applications containing a high temperature, highly toxic or highly corrosive material
- Microprocessor electronics and highly sensitive detectors ensure reliability and accuracy
- Rugged construction for the use in harsh applications and environments
- Sensitive scintillation detectors ensuring the use of low strength isotopes
- User friendly menu driven display for set-up and calibration
- Can be used on pipes up to 1000 mm (39 in) in diameter
- Auto source decay compensation

### Find out more at thermofisher.com/density



#### Thermo Scientific High Performance Digital Density Gauge

Detector Type         Nal scintillation detector           Material of Manufacture         Epoxy coated mild steel or optional stainless steel           Ingress Protection Rating         IP66           Mass         25 kg (55 lb)           Temperature Rating         0°C to +60°C (+32°F to +140°F)           Cabling Supply         2 pair, overall shielded, 10 metres standard, up to 1000 m maximum           Controller Assembly         Model           Model         DDG3           Circuit Construction         16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membrane           Temperature Rating         0°C to +55°C (+52°F to +131°F)           Supply voltage         24VDC, 110VAC or 230VAC 50-60 Hz, 10W           Mass         5 kg (11 lb)           Mounting Type         Wall mount           Material of Manufacture         316SS IP66           I/O         Two 4-20 mA current loop input for flow meter One 4:20 mA current loop input for themperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC,	Detector Assembly	
Advance         Epoxy coated mild steel or optional stainless steel           Ingress Protection Rating         IP66           Mass         25 kg (55 lb)           Temperature Rating         0°C to +60°C (+32°F to +140°F)           Cabling Supply         2 pair, overall shielded, 10 metres standard, up to 1000 m maximum           Controller Assembly         DDG3           Circuit Construction         16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membrane           Temperature Rating         0°C to +65°C (+52°F to +131°F)           Supply voltage         24VbC, 110VAC or 230VAC 50-60 Hz, 10W           Mass         5 kg (11 lb)           Mounting Type         Wall mount           Material of Manufacture         316SS IP66           I/O         Two 4-20 mA programmable current loop outputs One 4.20 mA current loop input for flow meter           One 4.20 mA current loop input for fumperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max           Protocols         Modobus TU (RS-485) and Modus TCP (standard).           HART, PROFINET or Ethernet/JP (options)         Standard).           LART, PROFINET or Ethernet/JP (options)         Standard).           Cace cortified         Yes           S	Model	AM771
Ingress Protection RatingIP66Mass25 kg (55 lb)Temperature Rating0°C to +60°C (+32°F to +140°F)Cabling Supply2 pair, overall shielded, 10 metres standard, up to 1000 m maximumController AssemblyDDG3Circuit Construction16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlift LCD; LED Indicators on all I/O; 16 key Tactile membraneTemperature Rating0°C to +55°C (+32°F to +131°F)Supply voltage24/VDC, 110/AC or 230/AC 50-60 Hz, 10WMass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66I/OTwo 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220/DC, 250/AC, 2 amp max Voltage free contact for remote totaliser rated 220/DC, 250/AC, 2 amp max Voltage free contact for remote totaliser rated 220/DC, 250/AC, 2 amp max Voltage free contact for remote totaliser rated 220/DC, 250/AC, 2 amp max Voltage free contact for remote totaliser rated 220/DC, 250/AC, 2 amp max Voltage free contact for remote totaliser rated 220/DC, 250/AC, 2 amp max 	Detector Type	Nal scintillation detector
No.No.Mass25 kg (55 lb)Temperature Rating0°C to +60°C (+32°F to +140°F)Cabling Supply2 pair, overall shielded, 10 metres standard, up to 1000 m maximumController AssemblyDDG3Circuit Construction16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LDP; LED Indicators on all I/O; 16 key Tactile membraneTemperature Rating0°C to +55°C (+32°F to +131°F)Supply voltage24VDC, 110VAC or 230VAC 50-60 Hz, 10WMass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp ma	Material of Manufacture	Epoxy coated mild steel or optional stainless steel
Temperature Rating       0°C to +60°C (+32°F to +140°F)         Cabling Supply       2 pair, overall shielded, 10 metres standard, up to 1000 m maximum         Controller Assembly       DDG3         Circuit Construction       16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membrane         Temperature Rating       0°C to +55°C (+32°F to +131°F)         Supply voltage       24VDC, 110VAC or 230VAC 50-60 Hz, 10W         Mass       5 kg (11 lb)         Mounting Type       Wall mount         Material of Manufacture       316SS IP66         I/O       Two 4-20 mA programmable current loop outputs One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max         Protocols       Modbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)         Decay Compensation       Yes         Source Housing       Yes         Source Housing       M426         Material of Manufacture       Epoxy coated mild steel over lead         Shutter Type       Rotary mechanical, lockable         Source Type       Cs-137, Co-60 or Ba-133         Mass       42 kg (95 lb) (Small Housing)	Ingress Protection Rating	IP66
Cabling Supply       2 pair, overall shielded, 10 metres standard, up to 1000 m maximum         Controller Assembly         Model       DDG3         Circuit Construction       16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membrane         Temperature Rating       0°C to +55°C (+32°F to +131°F)         Supply voltage       24VDC, 110VAC or 230VAC 50-60 Hz, 10W         Mass       5 kg (11 lb)         Mounting Type       Wall mount         Material of Manufacture       316SS IP66         I/O       Two 4-20 mA programmable current loop outputs One 4-20 mA current loop input for tom meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max         Protocols       Modbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)         Decay Compensation       Yes         Source Housing       Yes         Model       AM426         Material of Manufacture       Epoxy coated mild steel over lead         Shutter Type       Rotary mechanical, lockable         Source Type       Cs-137, Co-60 or Ba-133         Mass       42 kg (95 lb) (Small Housing)	Mass	25 kg (55 lb)
Controller Assembly           Model         DDG3           Circuit Construction         16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membrane           Temperature Rating         0°C to +55°C (+32°F to +131°F)           Supply voltage         24VDC, 110VAC or 230VAC 50-60 Hz, 10W           Mass         5 kg (11 lb)           Mounting Type         Wall mount           Material of Manufacture         316S IP666           V/O         Two 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote talarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote talarm rated 220VDC, 250VAC, 2 amp max           Protocols         Modbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)           Decay Compensation         Yes           Gain Stabilization         Yes           Gain Stabilization         Yes           Source Housing         Epoxy coated mild steel over lead           Material of Manufacture         Epoxy coated mild steel over lead           Shutter Type         Rotary mechanical, lockable           Source Type         Cs-137, Co-60 or Ba-133           Mass         42 kg (95 lb) (Small Housing) <td>Temperature Rating</td> <td>0°C to +60°C (+32°F to +140°F)</td>	Temperature Rating	0°C to +60°C (+32°F to +140°F)
ModelDDG3Circuit Construction16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membraneTemperature Rating0°C to +55°C (+32°F to +131°F)Supply voltage24VDC, 110VAC or 230VAC 50-60 Hz, 10WMass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66VOOne 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Source TypeCE CertifiedYesModelAM426	Cabling Supply	2 pair, overall shielded, 10 metres standard, up to 1000 m maximum
Circuit Construction16 bit microprocessor; 32K memory; Analogue I/O 12 bit resolution; 4 line transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membraneTemperature Rating0°C to +55°C (+32°F to +131°F)Supply voltage24VDC, 110VAC or 230VAC 50-60 Hz, 10WMass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser at the 200VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser at the 200VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser at the 200VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser at the 200VDC, 250VAC, 2 amp max Voltage free contact for remote bitaliser at the 200VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options) <td< td=""><td>Controller Assembly</td><td></td></td<>	Controller Assembly	
transflective backlit LCD; LED indicators on all I/O; 16 key Tactile membraneTemperature Rating0°C to +55°C (+32°F to +131°F)Supply voltage24VDC, 110VAC or 230VAC 50-60 Hz, 10WMass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66VOTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 a	Model	DDG3
Supply voltage24VDC, 110VAC or 230VAC 50-60 Hz, 10WMass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote tataliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)Decay CompensationYesGain StabilizationYesSource HousingYesModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Circuit Construction	
Mass5 kg (11 lb)Mounting TypeWall mountMaterial of Manufacture316SS IP66I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)Decay CompensationYesGain StabilizationYesSource HousingYesModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Temperature Rating	0°C to +55°C (+32°F to +131°F)
Mounting TypeWall mountMaterial of Manufacture316SS IP66I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)Decay CompensationYesCE CertifiedYesSource HousingModelModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Supply voltage	24VDC, 110VAC or 230VAC 50-60 Hz, 10W
Material of Manufacture316SS IP66I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)Decay CompensationYesGain StabilizationYesSource HousingModelModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Mass	5 kg (11 lb)
I/OTwo 4-20 mA programmable current loop outputs One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)Decay CompensationYesGain StabilizationYesCE CertifiedYesSource HousingMd426ModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Mounting Type	Wall mount
One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max Voltage free contact for remote totaliser rated 220VDC, 250VAC, 2 amp maxProtocolsModbus RTU (RS-485) and ModBus TCP (standard). HART, PROFINET or Ethernet/IP (options)Decay CompensationYesGain StabilizationYesCE CertifiedYesSource HousingMu426ModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Material of Manufacture	316SS IP66
HART, PROFINET or Éthernet/IP (options)Decay CompensationYesGain StabilizationYesCE CertifiedYesSource HousingModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	I/O	One 4-20 mA current loop input for flow meter One 4-20 mA current loop input for temperature Voltage free contact for remote alarm rated 220VDC, 250VAC, 2 amp max
Gain StabilizationYesCE CertifiedYesSource HousingMd426ModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Protocols	
CE CertifiedYesSource HousingAM426ModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Decay Compensation	Yes
Source HousingModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Gain Stabilization	Yes
ModelAM426Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	CE Certified	Yes
Material of ManufactureEpoxy coated mild steel over leadShutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Source Housing	
Shutter TypeRotary mechanical, lockableSource TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Model	AM426
Source TypeCs-137, Co-60 or Ba-133Mass42 kg (95 lb) (Small Housing)	Material of Manufacture	Epoxy coated mild steel over lead
Mass 42 kg (95 lb) (Small Housing)	Shutter Type	Rotary mechanical, lockable
	Source Type	Cs-137, Co-60 or Ba-133
NHMRC Approval Yes	Mass	42 kg (95 lb) (Small Housing)
	NHMRC Approval	Yes

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