

SHLD1

The SHLD series source holder meets the needs of nearly all Density, Point Level and Continuous Level applications. Its lead shielding maximizes source activity while limiting size and weight. The SHLD is well-suited for applications in the chemical manufacturing and oil refining industries. SHLD features a lockable rotary shutter and may be provided with a variety of accessories including shutter automation and interlocks.



Source activity size

- N000** No Source Capsule
- A001** 1 mCi / .037 GBq (Cs-137)
- A002** 2 mCi / .074 GBq (Cs-137)
- A003** 3 mCi / .111 GBq (Cs-137)
- A005** 5 mCi / .185 GBq (Cs-137)
- A007** 7 mCi / .259 GBq (Cs-137)
- A010** 10 mCi / .370 GBq (Cs-137)
- A015** 15 mCi / .555 GBq (Cs-137)
- A020** 20 mCi / .740 GBq (Cs-137)
- A030** 30 mCi / 1.11 GBq (Cs-137)
- A050** 50 mCi / 1.85 GBq (Cs-137)
- A070** 70 mCi / 2.59 GBq (Cs-137)
- A100** 100 mCi / 3.7 GBq (Cs-137)

Source holder construction

- A** LCS w/polyester powder coating
- C** 316L SS

Collimation angle / Direction

- A** 0°
- B** 15° (horizontal down)
- C** 30° (horizontal down)
- D** 45° (horizontal down)
- E** 60° (30° above and below horizontal)

Shutter control

- 1** Standard Manual Lever
- 2** Pneumatic actuator
- 3** Electric Actuator - 24VDC
- 4** Electric Actuator - 110VAC 60Hz
- 5** Electric Actuator - 240VAC 50Hz

Electrical contact switch (for remote indication)

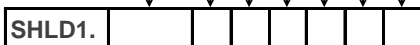
- X** Without
- A** Explosion Proof On/Off Limit Switch
- B** General Purpose On/Off Limit Switch

Interlock

- X** Without
- 1** Interlock mounting

Additional equipment

- X** Without
- A** Captive Lock Lanyard



SHLD2

The SHLD series source holder meets the needs of nearly all Density, Point Level and Continuous Level applications. Its lead shielding maximizes source activity while limiting size and weight. The SHLD is well-suited for applications in the chemical manufacturing and oil refining industries. SHLD features a lockable rotary shutter and may be provided with a variety of accessories including shutter automation and interlocks.



Source activity size

- N000 No Source Capsule
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- A015 15 mCi / .555 GBq (Cs-137)
- A020 20 mCi / .740 GBq (Cs-137)
- A030 30 mCi / 1.11 GBq (Cs-137)
- A050 50 mCi / 1.85 GBq (Cs-137)
- A070 70 mCi / 2.59 GBq (Cs-137)
- A100 100 mCi / 3.7 GBq (Cs-137)
- A150 150 mCi / 5.55 GBq (Cs-137)
- A200 200 mCi / 7.4 GBq (Cs-137)
- A300 300 mCi / 11.1 GBq (Cs-137)
- A400 400 mCi / 14.8 GBq (Cs-137)
- A500 500 mCi / 18.5 GBq (Cs-137)
- A750 750 mCi / 27.75 GBq (Cs-137)
- A01K 1000 mCi / 37 GBq (Cs-137)
- A1K6 1600 mCi / 59.2 GBq (Cs-137)
- A02K 2000 mCi / 74 GBq (Cs-137)
- A03K 3000 mCi / 111 GBq (Cs-137)
- A04K 4000 mCi / 148 GBq (Cs-137)
- A05K 5000 mCi / 185 GBq (Cs-137)

Source holder construction

- A LCS w/polyester powder coating
- C 316L SS

Collimation angle / Direction

- A 0°
- B 15° (horizontal down)
- C 30° (horizontal down)
- D 45° (horizontal down)
- E 60° (30° above and below horizontal)

Shutter control

- 1 Standard Manual Lever

Electrical contact switch (for remote indication)

- X Without
- A Explosion Proof On/Off Limit Switch
- B General Purpose On/Off Limit Switch

Interlock

- X Without
- 1 Interlock mounting

Additional equipment

- X Without
- A Captive Lock Lanyard

SHLD2.										
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SHF

The SH-F series source holder features a lead-free "Fireproof" design. It is well-suited for a wide variety of applications especially in the chemical manufacturing and oil refining industries. The SH-F features a lockable rotary shutter and may be provided with a variety of accessories including shutter automation and interlocks.



Version

- 1A- SHF1A
- 1B- SHF1B
- 2- SHF2
- 2B- SHF2B
- 2C- SHF2C
- 3A- SHF3A

Cs-137

- 000- No Source
- 001- 1 mCi/.037 GBq
- 002- 2 mCi/.074 GBq
- 003- 3 mCi/.111 GBq
- 005- 5 mCi/.185 GBq
- 007- 7 mCi/.259 GBq
- 010- 10 mCi/.37 GBq
- 015- 15 mCi/.555 GBq
- 020- 20 mCi/.74 GBq
- 030- 30 mCi/1.11 GBq
- 050- 50 mCi/1.85 GBq
- 070- 70 mCi/2.59 GBq
- 100- 100 mCi/3.7 GBq
- 150- 150 mCi/5.55 GBq
- 200- 200 mCi/7.4 GBq
- 300- 300 mCi/11.1 GBq
- 400- 400 mCi/14.8 GBq
- 500- 500 mCi/18.5 GBq
- 750- 750 mCi/27.8 GBq
- 01K- 1000 mCi/37 GBq
- 1K6- 1600 mCi/59.2 GBq
- 02K- 2000 mCi/74 GBq

Collimation angle

- 00 00°
- 30 30°
- 45 45°
- 60 60°

Housing material

- D- Cast iron w/blue polyester powder coating

Options

- X No options
- A Air Actuated Shutter
- B Electric Actuated Shutter
- C Ex-Proof On/Off Limit Switch
- D General Purpose On/Off Limit Switch
- G Interlock Mounting Hardware Kit
- H Captive Lock w/Lanyard

Options

- X No options
- A Air Actuated Shutter
- B Electric Actuated Shutter
- C Ex-Proof On/Off Limit Switch
- D General Purpose On/Off Limit Switch
- G Interlock Mounting Hardware Kit
- H Captive Lock w/Lanyard

Options

- X No options
- A Air Actuated Shutter
- B Electric Actuated Shutter
- C Ex-Proof On/Off Limit Switch
- D General Purpose On/Off Limit Switch
- G Interlock Mounting Hardware Kit
- H Captive Lock w/Lanyard

Label

- 0 Standard Brady label
- 3 Engraved 316SS label

Packing

- 0 Cardboard Box/Open Skid
- 1 Closed Wood crate
- 2 Sealed Wood crate

SHF										
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SHLG

The SHLG series source holder features lead shielding to provide maximum source activity for a variety of applications. The SHLG features a lockable push-pull shutter and may be provided with accessories including shutter automation and interlocks.



SR

The SR series source holder utilizes a 0 degree collimator for Point Level and Density applications. The SR features a lockable shutter and may be provided with a variety of accessories including shutter automation and interlocks.



Model type

- A- SRA
- 1A- SR1A
- 2- SR2

Cs-137

- 000- No Source
- 001- 1 mCi/.037 GBq
- 002- 2 mCi/.074 GBq
- 003- 3 mCi/.111 GBq
- 005- 5 mCi/.185 GBq
- 007- 7 mCi/.259 GBq
- 010- 10 mCi/.37 GBq
- 015- 15 mCi/.555 GBq
- 020- 20 mCi/.74 GBq
- 030- 30 mCi/1.11 GBq
- 050- 50 mCi/1.85 GBq
- 070- 70 mCi/2.59 GBq
- 100- 100 mCi/3.7 GBq
- 150- 150 mCi/5.55 GBq
- 200- 200 mCi/7.4 GBq
- 300- 300 mCi/11.1 GBq
- 400- 400 mCi/14.8 GBq
- 500- 500 mCi/18.5 GBq
- 750- 750 mCi/27.8 GBq
- 01K- 1000 mCi/37 GBq
- 1K6- 1600 mCi/59.2 GBq
- 02K- 2000 mCi/74 GBq
- 03K- 3000 mCi/111 GBq
- 04K- 4000 mCi/148 GBq
- 05K- 5000 mCi/185 GBq

Collimation angle

- 00 00°

Housing

- A- Low carbon steel w/blue polyester powder coating
- C- 316SS

Options

- X No options
- A Air Actuated Shutter
- B Electric Actuated Shutter SR
- C Ex-Proof On/Off Limit Switch
- D General Purpose On/Off Limit Switch
- G Interlock Mounting Hardware Kit
- H Captive Lock w/Lanyard

Options

- X No options
- A Air Actuated Shutter
- B Electric Actuated Shutter SR
- C Ex-Proof On/Off Limit Switch
- D General Purpose On/Off Limit Switch
- G Interlock Mounting Hardware Kit
- H Captive Lock w/Lanyard

Options

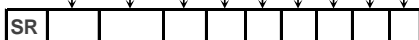
- X No options
- A Air Actuated Shutter
- B Electric Actuated Shutter SR
- C Ex-Proof On/Off Limit Switch
- D General Purpose On/Off Limit Switch
- G Interlock Mounting Hardware Kit
- H Captive Lock w/Lanyard

Label

- 0 Standard Brady label
- 3 Engraved 316SS label

Packaging

- 0 Cardboard Box/Open Skid
- 1 Closed Wood crate
- 2 Sealed Wood crate



SHLM

The SHLM series source holder provides means for inserting sources into vessels (via drywells) to meet the most demanding applications. The SHLM's steel construction and lead shielding are suitable for a wide variety of industrial applications including reactor vessels. It is available with both cable and rod drive mechanisms. The SHLM can be configured to direct radiation "axially" or "perpendicularly."



Accessories, Software and Spare Parts - Source holders

Survey Meters

METER.240940	Model 2402 general purpose survey meter with GM probe and 1 meter cable
METER.240943	Model 2402 general purpose survey meter with scintillation probe and 1 meter cable
METER.245644	General purpose digital survey meter

Leak test kit:

LEAK TEST KIT	Leak test kit for one source holder. Includes swab, shipping container, instructions, analysis and report.
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Signage:

238911.	"Caution Radioactive Materials" warning sign: 7"x10" (178mm x 254mm), plastic. Suitable for voluntary identification of radioactive material. Not intended for regulated notification of high radiation areas identified during surveys.
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