

TRU-Shield®

Model TS016-PB5 SOURCE MASTER

TYPE A Lead-Shielded
Source Disposal Container (SDC)



Pacific Development Services Inc.



August 2023 REV 0



TRU-Shield®

SOURCE MASTER is the latest addition to the TRU-Shield suite of Lead-Shielded (TYPE A) packages.

The TS016-PB5 has been designed, tested and certified specifically for the collection, storage, transportation & disposal of disused, damaged and orphan sources.

BENEFITS AT A GLANCE

- DOT/IAEA certified TYPE A, IP-2 and IP3
- Manufactured under ASME NQA-1, /ISO QA programmes.
- The TS016 Features 5" (127 mm) of cast-in-place lead shielding
- The inner cavity houses the SCC Storage Cassette which can hold up to four (500 ml) 316 Stainless Steel Source Conditioning Capsules (SCC's)
- Further shielding can be achieved using Lead and/or UHMW shield Pigs inserted in the SCC
- The TS016 has been fully (destructively) tested -TYPE A, IP2 and IP3 – in accordance with USDOT and IAEA requirements

For further Information Contact;
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A comprehensive document package including test reports, Package Design Safety Report [PDSR] (equivalent to US Safety Analysis Report for Packaging [SARP]) and Micro Shield® Analyses (for an extensive inventory of isotopes) can be made available on request.



CONTAINER SPECIFICATIONS

DESCRIPTION	NOMINAL SIZE	
	DIAMETER	HEIGHT
INTERNAL DIMENSIONS	140 mm	355 mm
EXTERNAL DIMENSIONS	384 mm	663 mm
PAYLOAD CAPACITY	50 Kg	
VOLUME CAPACITY	5.5 Litres	
TARE WEIGHT	600 Kg	
DISPOSAL VOLUME	76.8 litres	
CONSTRUCTION	CARBON STEEL **	
SURFACES	POWDER COATED	
SCC	500 ml (MAX QTY. 4)	
SCC PIGS (optional)	Lead / UHMW	

** Stainless Steel construction available

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