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Eichrom RSS

Mike Fern, 21-October 2024

Eichrom Rad Shipping Systems



Eichrom has more than just resins!

- Eichrom Technologies used its engineering and shielding expertise along with feedback from nuclear medicine customers to make the best TYPE A shipping system in the market
- Two products are available: a syringe and a vial shipping systems
- Over 1500 units are being used in the market with positive feedback from all customers



Meets DOT Yellow II Type A packaging requirements



Meets IATA Dangerous Goods Regulations, 64th Edition Sections 5.0.4.3, 10.5, 10.6.0 and 10.6.1 thru 10.6.3.5

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www.eichrom.com

The Eichrom Advantage

- Eichrom spent over two years developing the current vial and syringe system to make a robust, durable shielding system.
 - Syringe System Max Activity: 1500 mCi of F-18
 - Vial System Max Activity: 1800 mCi of F-18
- Using MCNP Modeling, our engineers and scientists are able to maximize the shielding while maintaining a smaller footprint.
- More durable hinges and latches give the systems a longer life.
- The stainless-steel body of the UDS makes them easier to clean as well leads to less exposed lead than plastic UDSs.



Current and Future Offerings

- Current Products
 - RSS Max Unit Dose System
 - Two 3-5 ml syringe UDSs; 75 lbs.
 - RSS Max Vial System
 - 10-30ml Vial; 70 lbs.
 - RSS Lite Vial System
 - 10-30ml Vial 35lbs.
 - Light weight to fit in temperature controlled overpack
- Future Products
 - RSS Standard Unit Dose Shield
 - Two 3-5 ml syringe UDSs; 60 lbs.
 - RSS 12mL Single Unit Dose Shield
 - One 3-12mL syringe, 55 lbs.
 - RSS Standard Vial System
 - 10-30ml Vial; 60 lbs.

