

# Co-57 Flood Sources

One Source. Every Source.



Eckert & Ziegler Family of Flood Sources

## A Flood Source for Everyone's Needs

Eckert & Ziegler Isotope Products (EZIP) Co-57 flood sources offer high quality in a variety of styles, including lightweight Featherlite™, innovative Perflexion™ and C-Thru™ flood sources.

Every EZIP source features proprietary Cobalt chemistry in the manufacturing process to deliver superior source uniformity.

Each source is carefully measured for activity and scanned over the entire field of view to ensure a homogeneous distribution with a coefficient of variation of less than 1%.



### Featherlite™

Featherlite weighs 50%-60% less than conventional models of comparative size. Lower weight means less strain to the back and greater maneuverability.



### Perflexion™

Perflexion flood sources reduce bulk and weight with their unique flexible design and tungsten composite Wolfguard Shield.



### C-Thru Series™

C-Thru's source holder is made of transparent, durable plastic. The radioactive area is clearly visible, enabling the C-Thru source to be easily positioned on the camera head.

No matter which design best fits your needs, you can count on EZIP's history of innovation, superior quality and exceptional customer care.

One Source. Every Source.

## Featherlite™

The lightest flood source available

U.S. Patent No. 6,787,786

Sealed Source and Device Registration Number CA0510S120S

Product Code	Active Dimensions		Overall Dimensions		Activity (mCi)	Activity (MBq)
MED3706	18.5" Diameter	470mm Diameter	20" Diameter	508 mm Diameter	5-20	185-740
MED3709	23.9" x 16.4"	610mm x 419mm	25.2" x 17.9"	638mm x 454mm	5-20	185-740
MED3722 (Digirad)	10.9" x 10.9"	278mm x 278mm	11.9" x 11.9"	302mm x 302 mm	5-20	185-740
MED3727 (Cardiac Cameras)	10.0" x 16.0"	254 mm x 406mm	10.5" x 16.5"	267mm x 419mm	5-20	185-740

## Perflexion™

The only flexible flood source available

U.S. Patent No. 7,233,012

Sealed Source and Device Registration Number CA0406S180S

Product Code	Active Dimensions		Overall Dimensions		Activity (mCi)	Activity (MBq)
PF16R (Cardiac Cameras)	16" x 10.5"	406 mm x 266 mm	17.4" x 11.9"	442 mm x 302 mm	5-20	185-740
PF18C	18.5" Diameter	470 mm Diameter	20" Diameter	508 mm Diameter	5-20	185-740
PF24R	23.9" x 16.4"	610 mm x 419 mm	25.25" x 17.75"	638 mm x 454 mm	5-20	185-740

## C-Thru Series™

The only transparent flood source available

U.S. Patent No. 7,172,799

Sealed Source and Device Registration Number MA-1059-S-359-S

Product Code	Active Dimensions		Overall Dimensions		Activity (mCi)	Activity (MBq)
CTRF10000	24.4" x 16.5"	620mm x 420mm	27.5" x 21.2"	700 mm x 538 mm	10	370
CTRF10001	24.4" x 16.5"	620mm x 420mm	27.5" x 21.2"	700 mm x 538 mm	5	185
CTRF10002	24.4" x 16.5"	620mm x 420mm	27.5" x 21.2"	700 mm x 538 mm	15	555
CTRF10003	24.4" x 16.5"	620mm x 420mm	27.5" x 21.2"	700 mm x 538 mm	20	740
CTRF10017 (Cardiac Cameras)	16" x 10"	410mm x 260mm	17.75" x 14.75"	445 mm x 375 mm	10	370
CTRF10018 (Cardiac Cameras)	16" x 10"	410mm x 260mm	17.75" x 14.75"	445 mm x 375 mm	15	555
CTRF10019 (Cardiac Cameras)	16" x 10"	410mm x 260mm	17.75" x 14.75"	445 mm x 375 mm	20	740
CTRF10012 (Digirad)	8.9" x 8.9"	250mm x 260mm	12.5" x 11.0"	318 mm x 280 mm x 8 mm	10	370
CTRF13770A (NC Systems)	15.2" x 9.1"	386mm x 231mm	15.7" x 9.8"	400 mm x 250 mm x 3 mm	10	370
CTRF10050	18.5" Diameter	470 mm Diameter	21" Diameter	534 mm Diameter	10	370
CTRF10051	18.5" Diameter	470 mm Diameter	21" Diameter	534 mm Diameter	5	185
CTRF10052	18.5" Diameter	470 mm Diameter	21" Diameter	534 mm Diameter	15	555
CTRF10053	18.5" Diameter	470 mm Diameter	21" Diameter	534 mm Diameter	20	740

Refer to the SS&DR's above for product model numbers.

Other sizes and activities available. Please contact EZIP for information.

### **Quality Assurance**

Eckert & Ziegler Isotope Products maintains a comprehensive Quality Management System based upon several standards and regulations set forth in NRC Regulatory Guide 6.9, ISO9001, and ISO13485.

### **Recommended working life**

The recommended working life of a Co-57 flood source is 2 years. Typical useful life is dependent on nuclide selection.

### **Availability**

Most sources are in stock and can be delivered within 5 business days.

### **Source Return**

Eckert and Ziegler will take back a flood source for recycle on a one for one basis. A source may be returned as long as the equivalent replacement source is purchased from EZIP.

Call us today at (866) 476-9767, email [nucmedsales@ezag.com](mailto:nucmedsales@ezag.com), or visit [isotopeproducts.com](http://isotopeproducts.com) for more information.

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