



GammaMat Hybrid

The GammaMat Hybrid is a unique NDT gamma imaging system for use with either Iridium-192 or Selenium-75 sources.

The Best of Both Worlds

Integrating the Best of Both Worlds, the GammaMat Hybrid camera is unlike most gamma radiography cameras on the market today. With the ability to accept either Iridium-192 or Selenium-75 sources, the GammaMat Hybrid offers unparalleled flexibility and ease of use. Its compact design integrates innovative features while keeping weight equivalent to that of other GammaMat systems and less than competitive devices when loaded with 4.44 TBq (120 Ci).

Latest in Innovation

The GammaMat Hybrid integrates an improved source holder path based on a new helical channel design. This innovation allows smoother movement of the pigtail inside the device, adding significant safety and ease-of-use factors for the operator. In addition, the helical source holder path makes maintenance procedures much easier, often without the use of a borescope.

Safety – Always a Priority

A three color source signal indicator provides the user with a clear visual guide as to the position of the source at any given time:

- **EXPOSURE MODE (red):** indicates the source is outside the device
- **ALERT MODE (yellow):** indicates the source is inside the device and the device is unlocked
- **SAFETY MODE (green):** indicates the source is inside the device and the device is fully locked

This new feature provides significant improvements in operator safety not offered in other systems.



Why Choose the GammaMat Hybrid?

The technical innovations of being able to use Iridium-192 or Selenium-75 and increased operator safety make the GammaMat Hybrid a clear leader in today's market. With its new features and overall flexibility, the GammaMat Hybrid is the obvious choice.

Specifications

- **Basic Construction Standards:**
 - ISO 3999 compliant
- **Isotopes:**
 - Ir-192 and Se-75 under special form:
 - Ir-192 half-life..... 73.8 days
 - Se-75 half-life 119.8 days
- **Activity:**
 - Ir-192 4.44 TBq (120 Ci)
 - Se-75 4.44 TBq (120 Ci)
- **Surface Dose Rate:**
 - Max. 2 mSv/h
- **Total Weight:**
 - 22 kg (48.5 lb)
- **DU Weight:**
 - 13 kg (28.7 lb)
- **Overall Dimensions:**
 - Length 302 mm (11.89 in)
 - Width 124 mm (4.88 in)
 - Height 207 mm (8.15 in)

© 2012 Best NDT

Best NDT USA
68 Buttonwood Street
Bristol, RI 02809-0718 USA
tel 401 253 5500

BestNDTusa.com

Best NDT Canada
413 March Road
Ottawa, ON, K2K 0E4 Canada
tel 613 591 2100

BestNDTcanada.com

BestNDT.net

AFRICA | ASIA | EUROPE | LATIN AMERICA | MIDDLE EAST | NORTH AMERICA

