

## RE-ENTRANT WELL CHAMBER

# BDS 1000 BRACHYTHERAPY DOSIMETRY SYSTEM



### BRACHYTHERAPY SOURCE CALIBRATION

The BDS 1000 Well Chamber is an air-vented chamber, highly accurate for low dose rate and high dose rate brachytherapy. Source holders are available for most existing sources as well as custom-made source holders.

#### Calibrations Available

$^{60}\text{Co}$   $^{192}\text{Ir}$  and/or LDR radionuclides from various manufacturers as requested

#### Active Volume

240 cm<sup>3</sup>

#### Connector

TNC triax (standard)  
Other Optional

#### Range

10 U to 80 MU 0.01 mCi to 20 Ci

#### Cable

5 ft, 1.5 m

#### Bias voltage

± 300 volts, typical

#### Leakage

Less than 25 fA

#### Stability

0.2% (Reproducibility over 2 years)

#### Response

± 0.5% over 25 mm at center of axis



## Preliminary Data Sheet

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