

VAMC JACKSON, MS  
PO# 586-B30021

	Description	Qty.	
--	-------------	------	--

**Item 1**

CC01 Ion chamber: 0.01ccm 1  
BNC Triax connector  
Waterproof, ventilated thimble chamber for stereotactic, IMRT and any small field measurements. Supplied with a  $^{60}\text{Co}$  factory calibration certificate ( $N_{D,w}$ ) traceable to PTB.  
Active volume: 0.01 cm<sup>3</sup>  
Wall thickness: 0.5 mm  
Outer electrode: Shonka C552  
Inner electrode: Steel (8.5 g/cm<sup>3</sup>)  
Connector: BNC triaxial  
Length of connection cable: 1.40 m

Note: Not recommended for use in absolute dosimetry due to small volume.

CC04 Ion chamber: 0.04 ccm 1  
shonka plastic, waterproof, BNC Triax  
Waterproof, ventilated thimble chamber for stereotactic, IMRT or any small field measurements. Supplied with a  $^{60}\text{Co}$  factory calibration certificate ( $N_{D,w}$ ) traceable to PTB.  
Dimensions (active volume): 0.04 cm<sup>3</sup>  
Wall thickness: 0.4 mm  
Wall material: Shonka C552  
Center electrode: Shonka C552  
Connector: BNC triaxial  
Cable length: 1.40 m

SFD Hi-pSi diode field detector, 1  
stereotactic beams, BNC Triax  
Diode detector with very low doserate dependency, effective measurement depth 0.50 mm from surface, very high geometric resolution (0.6 mm in plane perpendicular to central axis, 0.06 mm in depth).  
Connector: BNC triaxial

PFD 3G-pSi diode field detector, 1  
photon beams, BNC Triax  
Energy compensated diode detector for photons with very low



Part No.	Description	Qty.
----------	-------------	------

doserate dependency, effective measurement depth 0.50 mm from surface, high geometric resolution (2.5 mm in plane perpendicular to central axis, 0.06 mm in depth).  
Connector: BNC triaxial

EFD 3G-pSi diode field detector, 1  
electron beams, BNC Triax  
Diode detector with very low doserate dependency, effective measurement depth 0.45 mm from surface, high geometric resolution (2.5 mm in plane perpendicular to central axis, 0.06 mm in depth). Measures dose directly, no need to convert from ionization to dose.  
Connector: BNC triaxial

RFD 3G-pSi diode reference detector, 1  
BNC Triax  
Detector for high reference signal. To be used together with ionization chamber or diode detector as field detector.  
Connector: BNC triaxial

Detector holder for 3G-pSi detectors 1  
and SFD to be used with Blue Phantom