

VPG HARDWARE



TSD204



TCIPPG2

TSD204 – Vaginal Plethysmograph Transducer

The TSD204 VPG vaginal plethysmography transducer measures vaginal pulse amplitude (VPA) and vaginal blood volume (VBV).

- Insert tip: length 5.25 cm (2.5”); circumference 4.5 cm (1.8”)
- Stopper (L x W x D): 9 cm x 2.4 cm x 1 cm (3.5” x 0.94” x 0.39”)
- Cable: 3 m cable (9.8 feet); terminates in connector for TCIPPG2
- Weight: 0.15 kg (5.3 oz) including cable; tip only ~0.10 kg (0.35 oz)

TCIPPG2 – Interface VPG Transducer to PPG100C for MP160/150

Plethysmograph interface for VPG transducer (TSD204) to PPG100C for MP160/150 System.

TSDVPG – Vaginal Plethysmograph Transducer + One Interface

This TSDVPG kit includes one VPG Transducer (TSD204) and interface: TCIPPG2 to PPG100C for MP160/150 System.

VPG Transducer Specifications

Electronics

- Photodiode: Photodiode with integrated amplifier
 340-950 nm response
 80 mV / mW / cm²
 Typical output voltage 3 V
- LED: 3 mm Red/Orange LED
 (Visible red probe) 90 med @ 20 mA, peak wavelength 620 nm
 View angle 60°
 Used at 4.50 mA (approx. 25 med)
- Resistor: 680 ohm, 1% metal film (visible RED probe)
- Sterilization: Cidex™ OPA Solution (20-45 minutes)

Materials

- Probe: PLEXIGLAS SG-10, FDA section 21 CFR 177.1010; suited for internal use
- Connecting cable: Silicone Sheeting Quality 7480/061 – Compliant with the FDA Regulation meeting the requirements of the 3-A Sanitary Standard, Class III FDA section CFR 177.2600
- Placement device: Silicone Sheeting Quality 7480/061 – Compliant with the FDA Regulation meeting the requirements of the 3-A Sanitary Standard, Class III FDA section CFR 177.2600