

# Glove CAFÉ Fixture PCF-825B

## Data Sheet

### Test gloves and finger cots according to ANSI/ESD SP15.1-2005

This unique fixture was designed in accordance with ESD Association Standard Practice ANSI/ESD SP15.1 page 5. This document provides test procedures for measuring intrinsic electrical resistance of gloves and finger cots, as well as their electrical resistance together with personnel as a system.

The Constant Area and Force Electrode (CAFÉ) is held by a person's finger to reproducibly measure resistance from the finger to the electrode.



**Data Sheet**

**Specifications for the PCF-825B CAFÉ Fixture**

Cuff Assembly	
Size	3.0 x 6.0 x 1.0 inches
Electrode Material	303 Stainless Steel
Cross Bar Material	UHMW
Threaded Rod Material	Stainless Steel
Bottom Weight Material	1018 CRS Plated (Nickel or Zinc)
Weight	1 lb

**Specifications for the PWS-620 Metal Band**

Cuff Assembly	
Construction	Made from jewelry quality stainless steel, tested to MIL STD 202 Method 101.
Thickness	3.5mm, average weight 33 grams Manufactured to 130mm circumference with 5 10mm nylon expansion links.
Electrical Properties	Outer band: insulative at 500V per unit mm, coating is polyurethane based polymer Inner band: Conductive - $<1.0 \times 10^4$
Adjustable	Easily adjustable to fit all personnel.
Quality Control	Each band is date and lot coded to total quality control and auditing
Elasticity	Expansion ratio 1.5:1
Snap/Size	4mm post snap for ground cord, tested to MIL STD 202 Method 101
Color	Black
Meets or Exceeds	DOD-HDBK-263, DOD-STD-1686, EOS/ESD Std. No. 1-1987, EN10015/1
UL Listed	File E 157590

**Specifications for the PCF-825BLR 36 inch Red Test Lead**

Length	36 inches (914 mm)
Color	Red
Operating Temperature	+ 55°C
RoHS Compliant	Yes