

Glove CAFE Installation, Operation and Maintenance



Made in the
United States of America



Figure 1. Desco 19298 Glove CAFE

Description

The Desco [19298](#) Glove CAFE (Constant Area and Force Electrode) meets ANSI/ESD SP15.1 requirements for measuring the intrinsic electrical resistance of gloves and finger cots. It also measures their electrical resistance together with personnel as a system.

The Desco Glove CAFE is compatible with the following Desco Surface Resistance Meters:

Item	Description
19290	Digital Surface Resistance Meter Kit
19291	Digital Surface Resistance Meter
19784	Analog Surface Resistance Meter Kit
19786	Analog Surface Resistance Meter
19640	Surface Resistance Checker

Packaging

- 1 Glove CAFE
- 1 Wrist Cord without Resistor

Operation

1. Fit a wristband snugly onto the wrist.
2. Snap the wrist cord to the wristband. Use the included non-resistor wrist cord if performing a Low Voltage System Resistance Test per sections 6.6 and 6.7 of ANSI/ESD SP15.1. Use a one megohm wrist cord if performing a High Voltage System, High Resistance Test per section 6.8 of ANSI/ESD SP15.1.

3. Plug the wrist cord into one input of the resistance meter.
4. Attach the Glove CAFE to the other input of the resistance meter.
5. Wear the glove on the same hand as the wristband and wait a minimum of 15 seconds before beginning the electrical measurement.
6. Balance the Glove CAFE on the fingerprint side of the thumb or first finger of choice on the hand wearing the glove.
7. Take a resistance measurement using the resistance meter.



Figure 2. Using the Glove CAFE Test Electrode with the Desco 19290 Digital Surface Resistance Meter

Specifications

Glove CAFE

Dimensions	1.0" x 3.0" x 4.3" (25 mm x 76 mm x 109 mm)
Weight	1.0 lbs (454 g)
Country of Origin	United States of America

Wrist Cord

Retracted Length	6.0' (1.8 m)
Extended Length	8.5' (2.6 m)
Termination 1	Black thermoplastic elastomer molded banana plug
Termination 2	Red thermoplastic elastomer molded 4 mm medical snap socket
Wire Insulation	Black PVC
Resistor	None
Country of Origin	United States of America

Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See the Desco Warranty -
[Desco.com/Limited-Warranty.aspx](https://www.desco.com/Limited-Warranty.aspx)