

# 25 SERIES SEPARATION FORCE GAGE

**Purpose:** CGC 25 Series spring-loaded gages are designed for testing the separation forces of electrical connector socket contacts for both RF and Multi-Pin connectors. In particular, 25 Series Gages are ideally suited for testing Multi-Pin connectors where standard pin weights become quite cumbersome.

**How it works:** This gage has a spring loaded plunger pre-calibrated to the required separation force for the socket contact to be tested. The plunger is finger-depressed, extending the pin which is then inserted into the socket. When the finger pressure is removed, the sockets retaining the pin are accepted as conforming to the minimum required separation force specifications. Also, the spring-loaded plunger can be calibrated to test the maximum separation force specifications. In this test, the reverse applies, the sockets retaining the pin are rejected as non-conforming to the maximum required separation force specifications.



## FEATURES

1. Pull Force: From 001= 0.1 ounce to 400= 40.0 ounces
2. Gage Pin Diameter: As specified up to .1250
3. Gage Pin Tolerance: 51= +.0001  
11= -.0001  
52= +.0002  
12= -.0002

## PART NUMBER SYSTEM

