

"METROLOGY GRADE" PRECISION TYPE N CONNECTOR GAGE KIT



Description

The Maury model A020D connector gage kit is an extremely high precision metrology grade test instrument designed to measure type N connectors with either female or male interfaces. Repeatability of ± 50 millionths of an inch (± 0.00005 inch) is achieved by using precision dial indicators with 0.0001 inch graduations and tightly controlled tolerances on all machined parts.

The model A020D consists of two gage assemblies, two master setting gages, two center conductor centering sleeves — all provided in a wood instrument case with operating instructions. The Maury models A020D1 (female) and A020D2 (male) gage assemblies feature a "thread-on" design which allows the gages to be conveniently mated with the respective devices being measured for hands-free operation. The precision gage assemblies are initially set to zero using their respective master setting gages, A020D3 (female) or A020D4 (male), permitting subsequent measurements to be read directly on the dial indicator.

Two centering sleeves are also provided to facilitate the measurement of precision beadless airlines and two-port standards. "Flush setting" the Maury metrology grade sliding loads, models 8834A and 8834B, is easily accomplished using this connector gage kit. The "thread-on" design of the model A020D eliminates the difficulty in measuring vector network analyzer test port adapters when they are connected to the test set.

Model	Gage Assemblies	Dial Graduations (inches)	Applications
A020D	2 each	0.0001	Measures, type N female and male connectors, sliding loads, airlines, two-port standards, VNA test port adapters, etc.