



Model AS03002, M1
AR System
80MHz–3GHz

The AS03002 AR System has been specially designed to house, in an equipment rack, the EMC test equipment listed below. Please refer to individual product specification sheets for details. Blank panels will be provided to fill any unused rack space.

Model AS03002 Equipment list

Equipment supplied and installed by AR RF/Microwave Instrumentation:

- Model 150W1000M3Solid State Amplifier (80–1000MHz, 150 Watts)
 - Model 30S1G3M3.....Solid State Amplifier (0.8–3.0GHz, 30 Watts)
 - Model SC1000M1RF System Controller (switch matrix)
 - Model DC6180A.....Dual Directional Coupler (80MHz–1GHz, 600 Watts, 60 dB)
 - Model DC7144A.....Dual Directional Coupler (0.8–4.2GHz, 400 Watts, 40 dB)
 - Model PM20022 Channel Power Meter (10 kHz–40GHz, sensor dependent)
 - (2) Model PH2000.....Power Sensor (10 kHz–8GHz, -60 dBm-+20 dBm)
 - Model SG6000Signal Generator (100kHz–6GHz), rack-mounted, rear panel connectors
 - Model SW1006Radiated and Conducted Immunity and Emissions Test Software
- RF and control (GPIB) interconnect cables between all components mounted within the rack
- AC power distribution terminating with a single 120 VAC primary power mains switch

Rack Specifications

- Size (W x H x D).....55.8 x 108.0 x 58.4 cm (22.0 x 42.5 x 23.0 in)
- Total Weight.....215 lbs (98 kg)

Model	Description
AS03002M1	Same as AS03002 except no signal generator. Space reserved and prewired for SG6000