



REM/ARM/CQM TEST MODULE



CQM-2000 Quick Guide



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CQM-2000

QUICK GUIDE

OVERVIEW

The CQM-2000 is used to test the Return Electrode Quality monitor of an Electrosurgical Unit. The CQM-2000 provides an adjustable resistance from 0 to 210 ohms in 1ohm increments. The internal switches are 'make-before-break' type to ensure that the CQM circuit in the DUT does not see a momentary open condition.

To Operate the Unit:

- Connect the ESU Return electrodes to the CQM-2000 Test Jacks.
- Set the Resistance using the knobs on the CQM-2000 Front Panel.

Most ESU's measure a baseline resistance as the CQM connector is plugged in.

The DUT should alarm based on the following conditions:

- If the resistance is too low, a CQM alarm should occur.
- If the Resistance is too high, a CQM alarm should occur.
- If the resistance rises some percentage above the baseline resistance, an alarm should occur.

If the CQM resistance decreases, it becomes the new baseline resistance. An alarm should occur if the CQM resistance rises some percentage above the new baseline resistance.

Baseline Resistance limits and percent resistance rise limits vary based on ESU manufacturer. Consult ESU manual for these parameters.

SPECIFICATIONS

RESISTANCE	0 to 210 Ohms, +/- 0.5% + 0.5 Ohm (NOTE: Accuracy after subtraction of zero resistance.)
CONNECTIONS	Safety Jack, 2.1 mm
OPERATING RANGE	15 to 40 Degrees C
STORAGE RANGE	-20 to 65 Degrees C
CONSTRUCTION	Enclosure – ABS Plastic, Face – Lexan Printed
SIZE	5.12 x 2.56 x 0.97 inches, 130 x 65 x 25 mm (HxWxD)
WEIGHT	≤ 0.4 lbs. (0.18 kg)

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