

A910 Solar Panel Tester

The A910 Solar Panel Tester was developed to give service technicians a light-weight, handy and easy-to-use, yet almost undestructible tool that they can always carry along when making site visits. With the A910 testing of a solar panel becomes a matter of seconds, and doesn't require any special training.

After removing the protective cap a standard Adcon 5-pin connector, as used on all Adcon solar panels, shows. Just plug in the solar panel that needs testing and direct it towards the sun or a strong source of light. Three extra-bright LED's, green, yellow and red, indicate the output power delivered by the panel. On a bright day the green panel will indicate a well-functioning solar panel, while a red LED indicates that the panel needs replacement.

Mechanically the A910 Solar Panel Tester is housed in an unbreakable transparent PET case. The 5-pin Binder connector is well protected under a dust-proof cover. A convenient strap holder allows for the attachment of a lanyard string to make transport easy.

Application

- Testing solar panels

Technical data

Dimensions	95mm long x 30mm Ø	Compatibility	Adcon Solar cells for addITs and addWAVES, with nominal output of 10VDC and up to 650mA
Weight	42g	3 LED Indicators	Green: > 8.5V, >1W Yellow: 7.2 ... 8.5V, ~ 666mW Red: 2.0 ... 7.2V, ~ 100mW
Protection class	IP66 (only when Binder cable from solar cell is connected)	Ordering Information	
Case	Transparent Poly-Ethylen-Terephthalate	200.733.910	A910 Solar Panel Tester
Connector	1 x 5-pin f. M9 Binder for Adcon Solar panels		

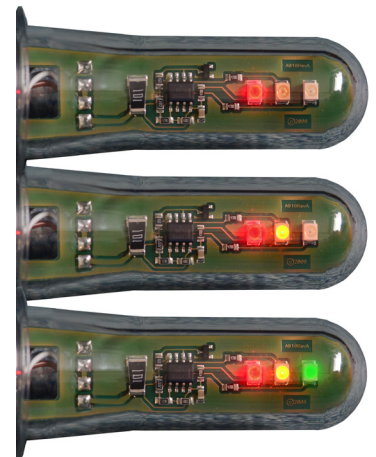


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Insufficient output:
red LED only

Sufficient output:
red & yellow LED

Perfect output:
red, yellow & green LED



LED Response of the A910