CRT Rejuvenator

490B

CR-XA

Universal CRT Adapter

The 490B is intended for the checking and rejuvenating of the cathode ray tubes (CRT) for both color and black-and-white television sets and monitors.

With this instrument you will be able to find and repair leakage or shorts by measuring the RGB current of cathodes. You will also be able to plot voltage/current features and to rejuvenate each cathode separately.

- ■ **Test and restore color or monochrome CRTs**
- ■ **Test and restore most computer monitor CRTs**
- ■ **Test and restore most projection TV CRTs**
- ■ **Test emission, tracking, leakage, shorts, life**
- ■ **Remove shorts, clean and balance guns, rejuvenate cathodes**
- ■ **Continual set-up chart updates and new adapter development**
- ■ **Extra rugged carrying case**

Specifications

	model **490B**
Heater	
Selectable voltages	6.3V 1A max.
	12V 0.5A max.
Cut-Off adjustment	
G1 bias	-50V and -70V selectable
G2 bias	+30V to +600V, variable
Emission test	
Measurement range	0 to 1600 uA
G1 bias	Cut-off bias
Color tubes	R, G or B simultaneous measuring
Rejuvenation	
Current	25 or 50 mA, selectable
Cycle duration	70s approx.
Start cycle	Manually
Color tubes	R, G or B selection
Leakage and short circuit	
Indicators	Neon
Removing	Between G1-K and Fil-K
Balance test	
Balance adjustment	For the three cathodes
Life test	Approximate life period rating
Emission curve	
Measurement	Of 1k current
G1 bias	Variable from 0 up to-100V
Power supply	
Input voltage	AC 110V 50-60 Hz 125V/220V/240V (internally selectable)
Power Consumption	35W
Mechanical features	Rugged carrying case with 16 adapter storage.
Dimensions WxHxD	17.7 x13.4 x5.7" (420x340x145 mm)
Weight	10.71 lbs. (4.9kg)

Accessories

One Year Warranty

SUPPLIED: Instruction manual, Set-up chart, Spare fuse, 2 Adapter sockets for several CRT, Adapter cable, High voltage anode cable

Adapter	JEDEC base
CA23	B10-276
CA24	B 8-274
CC-12*	Conversion cable

*(allow use of "CR" adapters, including the CR-XA Universal Adapter)

OPTIONAL: CR-XA   Universal Adapter