CRT Rejuvenator



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



490B

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Heater	
Selectable voltages	6.3V IA max.
0	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 selectabl
Power Consumption	35W
Mechanical features	Rugged carrying case with 16 adapter storage.
Dimensions WxHxD	17.7 x13.4 x5.7" (420x340x145 mm)
Neight	10.71 lbs. (4.9kg)
Accessori	es One Year Warrant
SUPPLIED: Instruction m	anual, Set-up chart, Spare fuse, 2 Adapter sockets for several CRT,
Adapter ca	ble, High voltage anode cable
Adapter	JEDEC base
CA23	B10-276
CA24	B 8-274
CC-12*	Conversion cable
*(allow use	e of "CR" adapters, including the CR-XA Universal Adapter)
*(allow use OPTIONAL: CR-XA	of "CK" adapters, including the CK-XA Universal Adapter) Universal Adapter