



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

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