

Colorado Video

"Unique Video Instrumentation"

video circle generators

624 series

general description

The 624 series of circle generators provide a highly stable means for superimposing a circle and small cross-hair pattern onto a video signal. This function is particularly useful for alignment of subject material, such as a semiconductor wafer with a predetermined location, or checking concentricity of discs or cable cross sections.

Circle size and position are user controllable. Some models (see below) can store multiple size and position values for easy recall. The small cross hair is always positioned at the circle center and can be turned on or off. The entire pattern can be set to white, black, or off to accommodate subjects of different brightness.

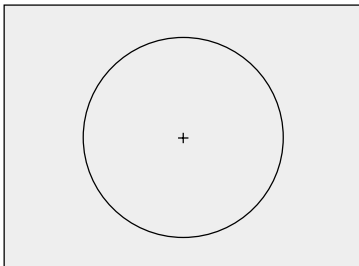
features

All Units:

- Pattern Selectable: White or Black
- Circle On/Off
- Cross Hair On/Off
- Adjustable Pattern Position
- Adjustable Circle Size
- NTSC or PAL Video (specify when ordering)
- S-Video Optional (Composite Standard)
- Desktop Style ABS Chassis
- 5 VDC Power (120 VAC Adapter Included in North America)

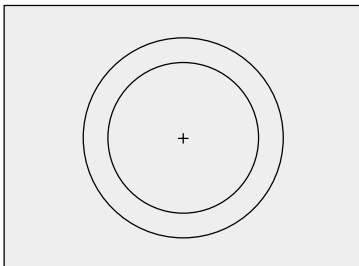
Model 624S

Single Circle size and position controlled by pushbutton



Model 624DS

Concentric Circles size and position controlled by select button and control knob



specifications

Pattern	Superimposes a circle(s) and/or small cross hair pattern
Power Connector:	2.5mm Coaxial Power Jack, center pin positive
Size:	6.9"W x 4.9"D x 2.4"H sloping to 1.4"H
Mounting:	Free standing desktop
Power:	5VDC (120VAC Adapter Included)
Chassis:	Black ABS Plastic
Video Input/Output:	1Vp-p, composite, 75 ohm
Options:	PAL Video, s-Video
I/O Connectors	BNC (4-pin mini-DIN for s-video)
Controls 624S	Display (switch): sets pattern to black or white Circle (switch): On/Off Cross Hair (switch): On/Off Position: One button each for Moving Pattern Up, Down, Left, Right Size: One button each for Growing or Shrinking Circle
Controls 624DS	Display (switch): sets pattern to black or white Circle (2 switches): On/Off Cross Hair (switch): On/Off Value (potentiometer): Sets value of selected parameter Set Circle Size (2 buttons): Hold down while adjusting Value Control Set Pattern H-Position (button): Hold down while adjusting Value Control Set Pattern V-Position (button): Hold down while adjusting Value Control

Note

AC Adapters are provided only for North American customers.

Subject to change without notice. 10 May 2007