



Caddo 803

Technical Specifications:

Operating Modes:

Channel 1, Channel 2, Channel 1 & 2 Alternate or chopped (approx. 350 KHz),
X-Y Operation (Ratio 1:1 input via CH2), Add/ Sub CH1 \pm CH2, Invert CH2

Vertical Deflection (Y)

(Identical channels)

Bandwidth : DC-25 MHz (-3dB) DC-35MHz (-6dB)

Rise time : 12 ns (approx.)

Deflection co-efficients : Micro-controller based 12 calibrated steps 5mV/Div-20V/Div
(1-2-5 Sequence). Electronic control. Display on 32 character backlit Alphanumeric
LCD.

Accuracy : $\pm 3\%$

Hold-off : Variable Control for stable Triggering

Input Impedance : $1M\Omega \parallel 30pF$ (approx.)

Input coupling : DC-AC-GND

Maximum Input voltage : 400V (DC+Peak AC)

Timebase :

Time co-efficients : Micro-controller based 18 calibrated steps, 0.5 μ s/Div-0.2s/Div (1-2-5
Sequence) with magnifier X10 to 50ns/Div, with variable control to 20ns/Div.

Electronic Control. Display on 32 character backlit Alphanumeric LCD. With ALT/NOR
switch magnified sweep and normal sweep can be seen simultaneously.

Accuracy : $\pm 3\%$ (in Cal position)

Ramp output : 5Vpp (approx)

Scientech Technologies Pvt. Ltd.

94-101, Electronic Complex, Pardesipura, Indore- 452 010 India.

Tel.: 91-731-2570301, 2576472, Fax: 91-731-2555643

Email: info@scientech.bz, Web: www.scientech.bz, www.caddo.bz



Trigger System :

Modes : Auto/ Level
Source : CH1, CH 2, ALT-CH1/CH2, Line, Ext
Slope : Positive or Negative
Coupling : AC, Line Trigger
Sensitivity : Int 5 mm, Ext. 0.8V (approx.)
Trigger Bandwidth : 50 MHz

Horizontal Deflection (X) :

Bandwidth : DC-2.5 MHz (-3dB)
X-Y mode : Phase Shift < 3° at 60 KHz

Deflection Co-efficients :

Micro-controller based 12 calibrated steps
5 mV/Div-20V/Div (1-2-5 sequence). Electronic control.
Display on 32 character backlit Alphanumeric LCD.
Input Impedance : $1M\Omega \parallel 30\text{ pF}$ (approx.)

Built-in single Touch Component Tester

Test Voltage : Max 8.6 Vrms (open)
Test Current : Max 8mArms (shorted)
Test Frequency : 50 Hz, Test circuit grounded to chassis
Continuity Tester : Beeper sounds < 75 Ω Approx.

Scientechnologies Pvt. Ltd.

94-101, Electronic Complex, Pardesipura, Indore- 452 010 India.
Tel.: 91-731-2570301, 2576472, Fax: 91-731-2555643
Email: info@scientechnologies.com, Web: www.scientechnologies.com, www.caddo.bz



General Information

Cathode Ray Tube : 140 mm Rectangular tube with internal graticule. P31 Phosphor
Accelerating Potential : 2 KV (approx.)
Display : 8 x 10 cm
Trace rotation : Adjustable on front panel
Calibrator : Square Wave Generator 1 KHz (approx.), 0.20 V \pm 1% for probe compensation
Z modulation : TTL Level
Stabilized Power Supply: All operating voltages including the EHT.
Mains voltage : 230 V \pm 10%, 50 Hz
Power Consumption : 33 VA (approx.)
Weight (approx.) : 7.5 Kg (approx.)
Dimensions (mm) : W285 x H145 x D380
Operating Temp. : 0-40° , 90% RH
Finish : Off White with handle cum tilt stand

Included Accessories :

1. Manual : 1 No.
2. BNC-Test Probe Cable : 1 No.
3. BNC – Crocodile Cable : 1 No.
4. Test Prods : 1 pair
5. RS232 Cable : 1 No.
6. PC Control Software : 1 CD
7. Understanding Oscilloscope : 1 CD

Scientechnologies Pvt. Ltd.

94-101, Electronic Complex, Pardesipura, Indore- 452 010 India.
Tel.: 91-731-2570301, 2576472, Fax: 91-731-2555643
Email: info@scientechnologies.com, Web: www.scientechnologies.com, www.caddo.bz