

ELECTRONIC TUBE REFERENCE

7YP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Seven-inch multi-beam oscilloscope CRT with independently controllable beams, electrostatic focusing and deflection, and post-acceleration for bright simultaneous waveform presentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded.
Published Du Mont ratings and characteristics promoted from the supplied source.

Multi-beam electrostatic-focus and electrostatic-deflection cathode-ray tube with independently controllable beams and post acceleration.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Du Mont

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1960 DU MONT

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—
DeflectionMethod	Electrostatic	—
FocusingMethod	Electrostatic	—
MinimumUsefulScreenWidth	4.5 in	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PostAcceleratorVoltageMaximum	7000 V	—
AcceleratorVoltageMaximum	3500 V	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker