

ELECTRONIC TUBE REFERENCE

7423

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Five-inch Iatron direct-view storage CRT that writes, stores, erases, and brightly displays electrically stored information using separate writing and flood guns.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded.

The F-7423 Iatron is a five-inch direct-view storage cathode-ray tube that writes, stores, erases, and brightly displays electrically stored information using separate writing and flood guns.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Viewing Screen Voltage Maximum	10 kV	—
Backing Electrode Voltage Maximum	25 V	—
Collector Voltage Maximum	250 V	—
Flood Anode 4 Voltage Maximum	150 V	—
Flood Anode 3 Voltage Maximum	150 V	—
Flood Anode 2 Voltage Maximum	150 V	—
Flood Anode 1 Voltage Maximum	80 V	—
Heater-Cathode Voltage Maximum	125 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Write Cathode Voltage	-1000 V	—
Write Heater Voltage	6.3 V	—
Flood Heater Voltage	6.3 V	—
Useful Display Diameter	4 in	—

TUBE TINKER

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

