



ELECTRONIC TUBE REFERENCE

MW4369

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Seventeen-inch rectangular television picture tube with metal-backed gray-filter screen, ion-trap pentode gun, and magnetic focusing and deflection.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	15000 V
<i>Rectangular all-glass television picture tube with filter glass, metal-backed screen, ion trap, magnetic focusing, and 70-degree magnetic deflection. The supplied sheet explicitly states equivalence to MW43-64 except for the metal backing.</i>	

The Ferranti MW4369 is a 17-inch rectangular television cathode-ray tube with a metal-backed grey filter screen, ion-trap pentode gun, and magnetic focusing and deflection.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1957 Philips Receiving and Amplifying Tubes

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—
DeflectionMethod	Magnetic	—
FocusingMethod	Magnetic	—
Deflection Angle	70 degree	—
ScreenConstruction	Metal-backed	—
EquivalentType	MW4364	Except metal-backed screen
IonTrapPresent	1 boolean	—
FilterGlassPresent	1 boolean	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
TypicalAcceleratingVoltage	14000 V	—
MaximumAcceleratingVoltage	15000 V	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Ferranti Technical Handbook

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

1961 FERRANTI TECHNICAL HANDBOOK

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen Size	17 in	Diagonal
Focusing Method	Magnetic text	—
Deflection Method	Magnetic text	—
Screen Construction	Metal-backed grey filter text	—
Fluorescence	White text	—
Light Transmission	66 percent	—



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V2

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V2

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Equivalent electrical type	MW43-64	Except for metal-backed screen
Deflection angle	70 deg	—
Screen construction	Filter glass, metal-backed	—



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection	70	magnetic focusing and 70~ magnetic deflection
Deflection	70	Fokussierung und 70 magnetischer Ablenkung

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