



## ELECTRONIC TUBE REFERENCE

# D1342GH

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**CATHODERAY**

Philips or Telefunken D-series cathode-ray instrument tube designed for oscillographic and measurement display, with manufacturer-defined electrostatic beam control, deflection, screen, and accelerating characteristics for type D1342GH.

## 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*No fixed ratings recorded.**Single-beam oscilloscope CRT display section.*

The Telefunken D1342GH is a flat-face single-beam oscilloscope CRT with high deflection sensitivity and P31 phosphor.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1959 Telefunken

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

## 1959 TELEFUNKEN

## Section 1 · Cathode Ray

## CHARACTERISTICS

| PARAMETER      | PUBLISHED VALUE | CONDITION / NOTE |
|----------------|-----------------|------------------|
| Heater Voltage | 6.3 V           | —                |
| Heater Current | 300 mA          | Approximate      |
| Phosphor       | P31 text        | —                |

## OTHER

| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
|---------------------------------|-----------------|------------------|
| Mean Deflection Plate Potential | 2000 V          | —                |
| Acceleration Voltage            | 2000 V          | —                |
| Focus Voltage Minimum           | 500 V           | —                |
| Focus Voltage Maximum           | 540 V           | —                |

## TUBE TINKER

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and their source documents.

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