INSTRUMENT CATHODE-RAY TUBE

- mono accelerator
- 10 cm diagonal rectangular flat face
- dynamic deflection defocusing correction
- internal magnetic correction for astigmatism and vertical eccentricity
- low heater power consumption
- for portable oscilloscopes with up to 25 MHz bandwidth, and read-out devices

QUICK REFERENCE DATA

<table>
<thead>
<tr>
<th></th>
<th>$V_{g2(\ell)}$</th>
<th>2000 V</th>
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</thead>
<tbody>
<tr>
<td>Accelerator voltage</td>
<td></td>
<td></td>
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<tr>
<td>Minimum useful scan area</td>
<td>70 x 56 mm</td>
<td></td>
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<tr>
<td>Deflection coefficient</td>
<td></td>
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</tr>
<tr>
<td>horizontal</td>
<td>$M_X$</td>
<td>36 V/cm</td>
</tr>
<tr>
<td>vertical</td>
<td>$M_Y$</td>
<td>23 V/cm</td>
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</table>

The D10-181GY is equivalent to type D10-180GY except for the following.

HEATING
Indirect by a.c. or d.c.*

Heater voltage
$V_f$ 6,3 V
Heater current
$I_f$ 0,1 A

LIMITING VALUES (Absolute maximum rating system)
Cathode to heater voltage
positive $V_{kf}$ max. 100 V
negative $-V_{kf}$ max. 15 V

* Not to be connected in series with other tubes.