Model NETS-0 MHC, has a voltage divider, HV supply and preamplifier with cable driver output stage. It has a PMT base socket in which detector can be directly plugged. The output stage is capable of driving signal through a standard coaxial cable up to a maximum length of 100 meters. This unit requires ±15VDC or ±12VDC power. HV supply 1000V @ 1mA max required for PMT detectors, is generated internally. Stainless Steel weatherproof enclosure is optionally available for Detector and NETS-0 MHCL assembly.

**Specifications**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage Divider</td>
<td>10 or 12 stage with $R = 510 \text{ K Ohms}$</td>
</tr>
<tr>
<td>Pre amplifier</td>
<td>2 stage transistor amplifier with emitter follower</td>
</tr>
<tr>
<td>Signal Output</td>
<td>Pulse Output with sharp rise time and 50µ Sec fall time</td>
</tr>
<tr>
<td>Output Impedance</td>
<td>50 ohms</td>
</tr>
<tr>
<td>HV Supply</td>
<td>Internally connected to Anode pin through Load Resistor</td>
</tr>
<tr>
<td>H.V. Adjust</td>
<td>Screw driver adjustment for setting H.V. between 0 to +1000V DC</td>
</tr>
<tr>
<td>H.V. Monitor</td>
<td>0 to +5 V output proportional to H.V.</td>
</tr>
<tr>
<td>Power Supply</td>
<td>± 15 V or ± 12 V DC @150 mA</td>
</tr>
<tr>
<td>Power Connector</td>
<td>3 pin female</td>
</tr>
<tr>
<td>Signal Output</td>
<td>BNC female</td>
</tr>
<tr>
<td>HV Monitor Test Points</td>
<td>Test Point jacks</td>
</tr>
</tbody>
</table>

*Due to continuous R&D, specifications are likely to change without notice*

For further details contact:

**Electronic Enterprises (I) Pvt. Ltd.**
Para Electronics Manufacturing Division
306, Nimesh Industrial Estate
Vidyalaya Marg, Mulund (East)
Mumbai 400 081
Phone : 022-2563 5600/2741
Fax : 022-2563 7835
Website : www.eeipl.in
Email: pemd@eeipl.in

**BRANCHES**

- **Mumbai**
  - 022-25639904
  - eemulund@eeipl.in

- **Hyderabad**
  - 040-23243352
  - eehyd@eeipl.in

- **Bangalore**
  - 080-23380451
  - eebng@eeipl.in

- **Kolkata**
  - 033-25770551
  - eecal@eeipl.in

- **Delhi**
  - 011-27240436
  - eedelhi@eeipl.in

- **Kota**
  - 0744-2501113
  - eekota@eeipl.in