USB-C External Power Test Unit
for testing extended \( V_{BUS} \) voltages in USB Type-C™ sinks and sources

Test Full USB-C \( V_{BUS} \) Range
With the help of Unigraf UCD-340 USB-C DP Alt Mode Tester and External Power Test Unit you can test the full range of USB-C \( V_{BUS} \) voltages from 5 V to 20 V. DUT current sink and source capability can be tested all the way up to 20 V / 5 A.

For R&D and Test Automation
UCD-340 Power Delivery Options (PDO) can be set and monitored either from UCD Console GUI or the high level SW API called TSI. This provides you flexible options for verifying DUT capabilities and performance either on R&D desktop or through automated test routines for regression testing or production line functional testing.

Highlights
- Accessory to Unigraf UCD-340
- Enables testing of USB-C \( V_{Bus} \) voltages from 9 V to 20 V
- Current sink and source up to 20 V / 5 A
- Controlled either from GUI or SW API
UCD Console GUI
The UCD-340 graphical user interface for R&D debugging is called UCD Console. It provides the user a flexible way of navigating between the interface based Roles of the device and the functionalities of each Role.

UCD Console features preview windows for the received video and audio, monitoring and controls for the USB-C connection parameters, DP link parameters and an EDID editor. UCD Console also provides the status and control of HDCP function.

High Level Test Functions
Unigraf high level test software interface TSI (Test System Interface) provides a system integrator a set of reliable and short cycle time interface specific tests. TSI Test Cases readily implement the low level procedures needed for verifying the various functions of the tested interface and the required software integration is minimal.

<table>
<thead>
<tr>
<th>VBUS power sink and source capability</th>
<th>5 V</th>
<th>9 V</th>
<th>12 V</th>
<th>15 V</th>
<th>20 V</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.5 A</td>
<td>0.9 A</td>
<td>1.5 A</td>
<td>3 A</td>
<td>3 A</td>
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<tr>
<td>UCD-340</td>
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<tr>
<td>UCD-340 with External Power Test Unit</td>
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All specifications subject to change without notice.


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