

## PureTools PT-TOOL-100 4K HDMI Signal Generator and Display Emulator

### 4K Signal Generation and Analytics in a Compact Tool

The on-site installation is finally complete. The cable runs are done, the media technology is invisibly stowed away and all the displays have been installed in place. Now it's time for a quick system checkup, so that there are no unpleasant surprises for the customer later. But how? Common test devices have to be supplied with power, require lots of cabling and ultimately take almost as much time as the installation itself.

With the PT-TOOL-100, you can avoid wasting this time. The extremely compact and lightweight tool combines the generation of test signals with the ability to analyze incoming signals, mostly without the need for a power supply. Just plug it into the inputs/outputs of the source and display devices and test them right away. A must-have in every installer's toolbox.



### Signal Generation

Full 18Gbps signal generation for resolutions up to 4K/UltraHD 60Hz with 4:4:4 and 2-channel PCM audio including color-coded patterns to indicate different signal formats.

### Signal Analytics

Analyzes incoming HDMI signals with resolutions up to 4K/UltraHD 60Hz at 4:4:4 and incl. all HDMI 2.0 audio formats. LED indication of TMDS and 5V signals as well as HDCP version.

### No Wires Required

Equipped with HDMI-A connectors on both sides for two operation modes. In both modes, the PT-TOOL-100 can be plugged directly into the socket of the source / display device.

### Simple Power Supply

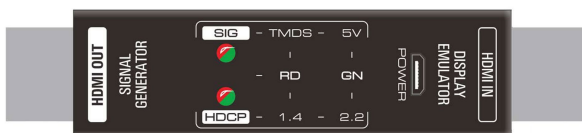
Only needs to be powered via 5V micro USB socket in signal generator mode. In signal analyzer mode, this is only needed if the HDMI source device does not output a clean 5V signal.

### Extremely Portable

With enclosure dimensions of only 75 x 22 x 19 mm and 65g net weight, PT-TOOL-100 fits in any installer's pocket. The small form factor is perfect for testing inaccessible devices.


### Control Directly on the Device

PT-TOOL-100 can be operated without any additional software or hardware. All settings are made directly on the device itself by using DIP switches.



## Product Overview

### PT-TOOL-100 4K HDMI Signal Generator and Display Emulator

Art. No.	Description	Input	Output	Net MSRP
 <b>PT-TOOL-100</b>	4K 18Gbps HDMI mini signal generator and display emulator for signal generation and analytics in a compact tool	1x HDMI	1x HDMI	131.85€

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All information is subject to confirmation and non-binding. Technical changes, printing errors and mistakes excepted.  
The illustrations used in these document may differ from the delivered product.