

SVP-060821-PV8XL-NAM-B

Pilot V8 XL HR Next>Series Test Configurations

1. Pilot V8 XL HR Next>Series

(V8XLHRNEXT)

Manual Pilot V8 XL HR Next>Series flying probe tester with full In-circuit/functional and bare board test capabilities. Designed with an extra-large test area of 31" x 25". Equipped with 6 regular flying electrical probes and 2 HR probes (8 in total: 4+4), 3 CCD Cameras and 1 HR camera (4 in total), 2 OpenFIX sensors and 2 laser sensors for warpage compensation (ALI). The PRBOOST feature which allows the Pilot V8 XL HR user to get 2A from each of the 8 probes is also included.

System Includes:

- Measurement & Stimuli Mother Board with MONIACL (ACL)
- 1 um resolution Z-motors for 8 heads (8Z-HEADS-HR)
- Frequency Net Test (FNODE)
- Statistics software including XML report, PPVS report and SPC tools (Cp, Cpk, GR&R) (STAT)
- VIVA Test Operating System (VIVA)
- Microsoft Windows 10; 64 bit operating system license (EOS64)
- Monitor 23" 16/9 touch screen (M22-16/9TS)
- Board Interface PC-ACL (PAMOC)
- PC tower 64 bit, HDU 1 Tb, RAM 8 Gb, CPU I5 6th generation (PCTOW64)
- CAD translator's software package based on Mentor Valor Process Preparation, including first year maintenance (MENTORPACK)
- CAD software database to generate test programs (CAD)
- Double side laser sensor for UUT planarity acquisition and optical inspection (ALI)
- Software to perform Bare board test on loaded board probes (BBTTEST)
- 2 OpenFix mobile probes (V80FX)
- In-circuit test software (ICT)
- 2A booster for each probe on Pilot V8 (PRBOOST)
- Quick Test graphical operating system for functional test (QT)
- Optical inspection software with the ability to read 1D/2D barcodes (VIW)
- VL language for functional (VLFUN)
- VL language basic for ICT macros (VLICT)
- Linear 0-6V,0-6A 0-18V,0-2A 0-18V,0-2A (AP5)
- LINEAR 0-6V,0-6A 0-30V,0-1.2A 0-30V,0-1 (AP6)
- Power supply controller (SE4)
- Small English Keyboard (KES)
- USB thermal ticket printer 40 columns (PRTERFP)
- Additional HR package including 1 x HR probe and 1 x HR camera (ADDHR)
- Universal Frame for flying probes for irregular shape boards suitable for manual and automated systems (Max. UUT size 410x380mm) (FBBT4)
- Enhanced Repair Station (ERPS)
- Pair of additional CCD cameras for probes view in debug mode on Pilot V8XLHR (PRBVIEW)
- VIVA software license for offline programming station including digitizer (PSTDI)
 - Dongle for programming station software (DONGLEPST)
- Wooden box for Pilot V8 XL and Pilot V8 XL HR