

Huntron Access and Access 2 Board Holder Kit (98-0719 and 98-0720)

The Board Holder Kit for Huntron Access and Access 2 Probers is useful for supporting circuit boards within the Prober area by their mounting holes. Your printed circuit board (PCB) is placed on support pins attached to adjustable arms using the mounting holes common on most PCBs. The PCB is mounted at the TOP slot level in an Access single head Prober and is ideal for smaller PCBs that can be difficult to mount using the standard mounting hardware (i.e. crossbars, slides and spacers).

Parts included:

- Cross bar (98-0393 for Access; 98-0119 for Access 2); quantity 1 (in addition to the crossbar supplied with the Prober)
- 1" arm (01-3586); quantity 4
- 2" arm (01-3598); quantity 4
- Extended rotating slide bar assembly (98-0685); quantity 4
- PCB Support Mounting pin (01-3669); quantity 4
- Wing nuts for securing arm to slide bar (07-3317); quantity 4



Board Holder kit for Access and Access 2 Probers (crossbar not shown)

Using the Board Holder kit

The Board Holder kit is designed to hold the PCB at the TOP slot level so when creating the Sequence for the PCB in the Workstation software, select the TOP slot setting. The crossbars used are mounted to the BOTTOM slot level.

The image below illustrates how the crossbars, slide bars, support arms and support pins are configured.



Board holder kit being used in an Access Prober

The slide bars are used with the rotating arm mount facing upwards and the support arms fixed to the screw holes using the supplied wing nuts. Use the different support arm lengths as needed to securely support your PCB. It can be useful (but not required) to slide the back crossbar all the way to the rear with the slide bar thumbscrews or slide bar mount (depending on the direction the slide bar is mounted) resting against the rear wall. This ensures the rear crossbar is parallel to the rear wall and makes test setup easier. The image above shows the slide bars with the thumbscrews oriented toward the back. Be sure not to overtighten the slide bar thumbscrews or support arm wingnuts during assembly. Use your PCB as a rough guide for positioning the arms as the assemblies are mounted into the BOTTOM slot wall guides.

Mount the PCB on the support pins as shown in the image below.



In most cases the support pins are somewhat smaller than the PCB mounting holes. Once the PCB is mounted on the pins, adjust the arms outward or inward to put a small amount of tension on the pins. This ensures that the PCB will not move during probing.



The PCB should now be ready for test setup and probing. Be sure to perform a precise OFFSET for the TOP slot to ensure proper probe placement when testing. Testing additional PCBs will be a matter of simply lifting the PCB off of the support pins, placing the next PCB and performing the PCB Alignment.



If additional pieces are needed, contact Huntron and use the part numbers listed at the beginning of this document when ordering.

Huntron Inc.
800-426-9265; 425-743-3171