Installation and Use of 32mm molbloc Cradle Kit

P/N 402134

INSTRUCTION SHEET

FLUKE Calibration

This kit is used to retrofit the 1/4” molstic-S™ platform in order to provide mounting for the molbloc-L™ laminar flow elements with 32 mm square bodies.

PREPARING THE PLATFORM FOR CRADLE INSTALLATION

Early deliveries of the molstic-S platform did not include the holes necessary to mount the downstream cradles for 32 mm molbloc-L elements. If your platform does not have these holes, designated by sets 4, 5, and 6 in Figure 1, then they will have to be drilled prior to installation of the cradles.

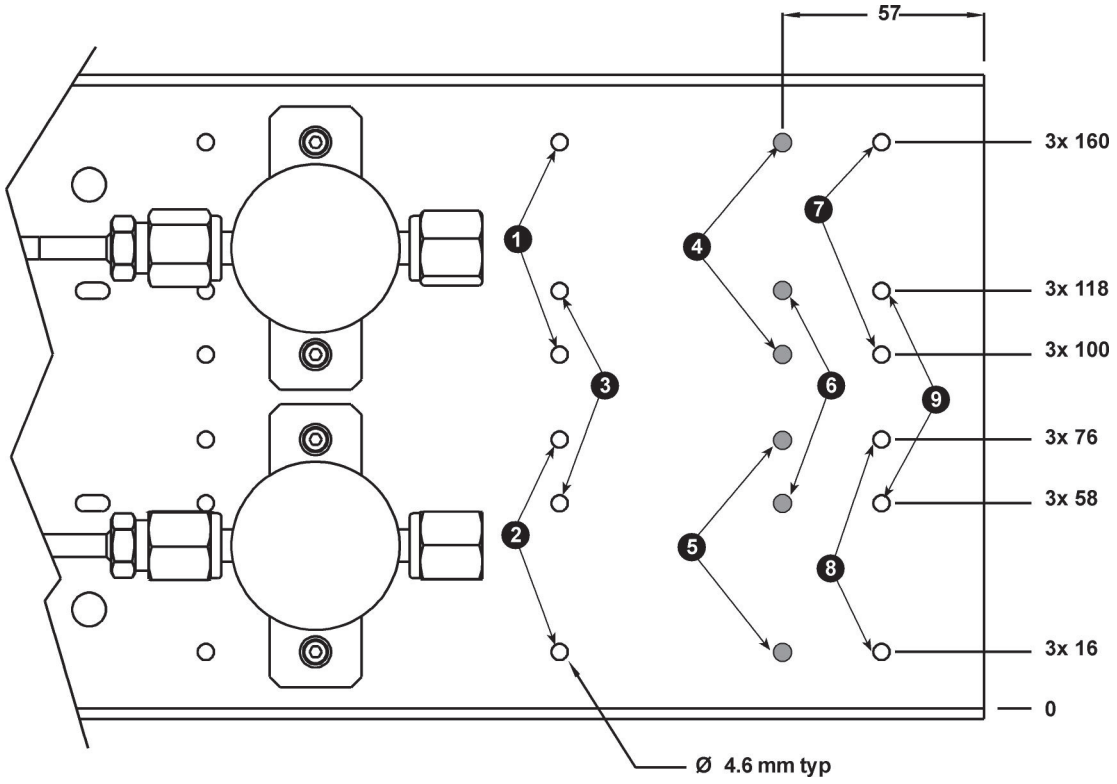

Figure 1 molstic-S Hole Pattern

In order to locate and drill holes for the downstream cradles, use the following procedure:

❶ Disassemble all of the existing cradles from the platform and retain the parts.

❷ Determine in which location (4, 5, or 6) you will mount the downstream cradles.

❸ Using a pencil and a straightedge, mark a line parallel to and 57 mm from the outlet end of the platform.

❹ In order to locate the point on the platform to drill each new hole, mark a line that is parallel to the long side of the platform and connects the centers of the existing holes. For example, if installing the downstream cradle in location “4”, mark a line from the centers of the two holes in location “7” to the centers of those in location “1”.

❺ Punch the intersection of the marked lines to facilitate drilling the platform.

❻ Drill all necessary holes to a diameter of 4.6 mm.

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INSTALLATION OF CRADLES ONTO MOLSTIC-S PLATFORM

❶ With the molstic-S resting on its side, position the upstream cradle for the 32 mm molbloc-L into the desired location, either 1, 2, or 3.

❷ Place a lock washer and then a flat washer onto the socket head cap screw.

❸ Thread the screw into the upstream cradle from the bottom side of the molstic platform and leave loose enough to allow for later adjustment.

❹ Thread another screw with lock washer and flat washer into the other side of the upstream cradle.

❺ Position the downstream cradle for the 32 mm molbloc-L into the desired location, either 4, 5, or 6.

❻ Thread screws into this cradle.

❼ Repeat these step with any other cradles that might need to be installed.

❽ For best alignment results, plumb the appropriate molbloc element into each branch of the molstic prior to final tightening of the socket head cap screws.

The following parts are included in the shipment:

DESCRIPTION	QTY	PART NO.
Cradle, Low/Mid	2	122440
SHC screw, M4 x 10	4	101015-Z
Split lock washer, M4	4	102668-Z
Flat washer, M4	4	100918-Z
Instruction Sheet	1	560070