

Mini-System Kits

- Pre-selected mini-system kits
- With and without rails
- Supplied in a convenient carrying case



This system facilitates close stacking of components and the building of small scale optical systems assemblies. Holders are offered for 10mm and 15mm optics since these sizes lend themselves most effectively to diode and fiber systems. A system of mounts and rails permits the movement of components relative to each other.

The standard system is based on a metric hole pattern of M2 threaded holes on 10mm centers. This system provides for closer spacing than is possible with inch based systems. Metric screws, tools and adapters are offered here for use with the system.

The baseplates have a pattern of M2 holes but they also contain large clearance holes for mounting onto conventional larger scale inch or metric opto-mechanical systems. These mounting holes are clearance counter-bored for a 1/4-20 or M6 cap screw.

The mini-system is usually assembled on a baseplate of appropriate size. We offer a standard range of mini-baseplates which are suitable for most applications. The mounts can be assembled directly onto the mini-baseplate or by means of an optical mini-rail system. The mini-rails permit variations in the spacing of components for coarse adjustment. Component holders are mounted either directly on the mini-rail carriers or on mini-posts. Mini-stages or mini-preset stages (described on pages 298 and 349) can be interspersed in order to provide precise mechanical positioning. The entire system is based on a 30mm center height which can be increased in 10mm increments. Spacers of 5, 10 or 15mm thickness can be supplied in order to maintain the correct center height. This compensation may be necessary, for example, when some components are missing.

You will find that this mini-system provides all the mechanical adjustment capabilities you require in a simple and compact system. The unique design permits easy access to the components without a complicated set of supports.

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