

Accessories

Fixturing accessories

Equator Enclosure:

The optional Equator enclosure provides a self contained gauging station with an optimised footprint, configurable to individual customer requirements.

Enclosure modules are:

- standard top unit – with high level access door for cleaning;
- standard base unit – with levelling feet and shelf for controller;
- full height doors – allows locking of gauging station;
- keyboard shelf and joystick bracket;
- monitor bracket – height adjustable on left or right side of top unit.



Styli/storage kits

Equator styli/storage kits contain styli most commonly used by Equator users and are available in three versions, at package prices lower than the sum of the contents. The kits have been designed to provide a storage solution for up to six assembled stylus tools. With all the kits contained within the same box, extra styli can be stored in the spare locations. All styli are also available separately.

M3 styli are intended for use in straight configurations, while lighter M2 styli and adaptors are included for cranked and star styli applications.

Basic kit: Contains 15 most commonly used styli.



Intermediate kit: Contains 22 styli and includes all the styli in the basic kit, plus more specialised styli.



Advanced kit: Contains 33 styli, including all the styli in the intermediate kit.



Fixture plate spacer

The fixture plate spacer raises the kinematic location of the fixture plate by 55 mm – ideal if gauging small parts or using short styli.



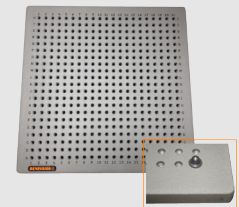
Extended Height fixture plate spacer

The Extended Height fixture plate spacer raises the kinematic location of the fixture plate by 150 mm. It enables smaller parts to be gauged on the Extended Height Equator, and can be combined with the 55 mm high fixture plate spacer.



Modular fixture kits

The modular fixturing range for Equator offers specifically designed grid fixture plates with a 3-point kinematic system for quick part loading and unloading. The positive engagement of the fixture plates ensures each fixture is repeatedly located and securely held in place.



Using modular fixtures can improve the throughput, reproducibility and accuracy of your inspection process with quick and repeatable fixturing set-ups that are easy to configure:

- grid fixture plates are alpha-numerically labelled so set-ups can be documented and repeated quickly and accurately;
- all components are hand-tightened and require no special tools.



Fixturing components can be easily positioned for minimal contact on and around the part, providing an unobstructed probe path for inspecting every detail.

