

Aquilos Cryo-FIB

Accessory overview

This document provides an overview of the current set of Aquilos Cryo-FIB accessories. Some of these are part of the minimum tool set that is required to operate the microscope, while others may be used to assist a particular workflow, depending on the type of specimen or customer preference.



Accessory	Part number	Description	Included with microscope
C-Clip Ring (100x)	1036173	Set of 100 rings in which classical 3 mm specimen grids can be mounted. A C-clip ring is also referred to as AutoGrid.	1
CryoFIB AutoGrid (100x)	1205101	Set of 100 modified rings for low angle FIB milling with the Aquilos Cryo-FIB in which classical 3 mm specimen grids can be mounted. A standard C-Clip is required to secure the grid.	1
C-Clip (100x)	1036171	Set of 100 clips that secure the specimen grids inside the AutoGrid rings. Compatible with Cryo-FIB AutoGrid.	1
C-Clip Insertion Tool	9432 909 97571	Tool to insert a C-clip into an AutoGrid ring.	2
AutoGrid Alignment Tool	9432 909 97641	Tool that assists in aligning the C-clip insertion tool to an AutoGrid ring.	1
AutoGrid Container (20x)	1084591	Set of 20 boxes in which up to 4 AutoGrids can be stored. Each box comes with a lid that can be screwed on to hold the AutoGrids in place and protect them during cryo transfers. Also referred to as an AutoGrid box.	1
Grid Container Tool	9432 909 97671	Tool to pick up, transfer, and place both conventional grid containers and AutoGrid containers.	2
AutoGrid Tweezers	9432 909 97631	Pair of tweezers that is used to manipulate AutoGrids between an AutoGrid box and a cassette.	2
Aquilos AutoGrid Shuttle	1213330	This is an extra or replacement cryo-FIB AutoGrid shuttle.	2
Standard sample shuttle	1210685	Additional standard Aquilos shuttle for pin mounting.	1
Standard cryo sample	1200829	Frozen hydrated A9 cells on EM grids, shipped in Cryo-dry shipper (12 Grids).	0
Preparation Station	1136946	Complete preparation set comprising of controller station, preparation pot with loading lid, transfer rod and diaphragm pump.	1
Preparation Pot	1215927	Additional single preparation pot for Aquilos Cryo-FIB	0

AutoGrid related



C-clip



AutoGrid



Grid Box Tool



Clipping Tool



Autogrid Tweezer



Cryo-FIB Autogrid



AutoGrid Alignment Tool

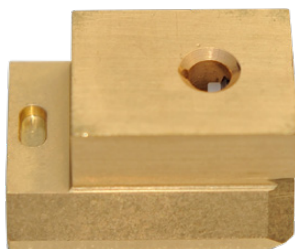


AutoGrid Container

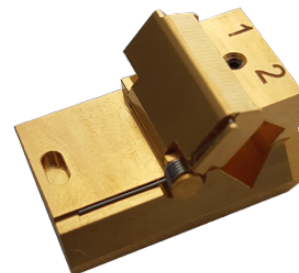
Cryo-transfer related



Cryo-FIB AutoGrid Shuttle



Standard Pin-mount Shuttle



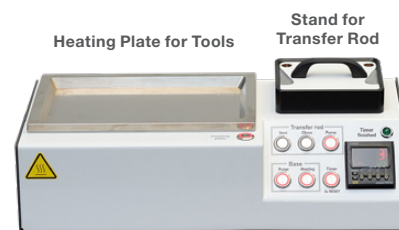
Leica CLEM Shuttle



Transfer Rod



Preparation Pot



Preparation Station Controller
(pumping, venting, heating operations)

Find out more at thermofisher.com/EM-Sales