









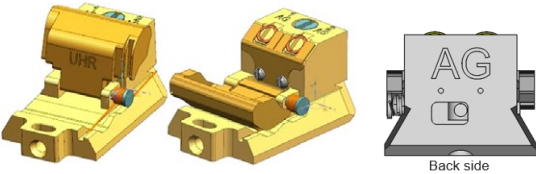

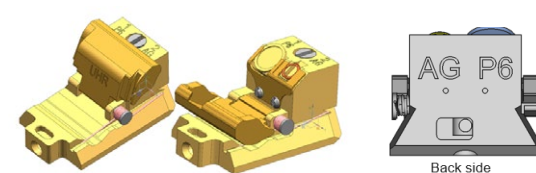

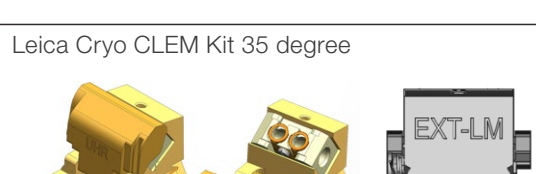
Aquilos 2 Cryo-FIB




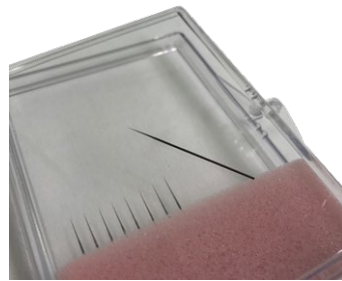

Accessory and consumables overview

This document provides an overview of the current set of Aquilos Cryo-FIB accessories and consumables. 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 / Consumable	Part number	Description	Included with microscope
C-Clip Ring (1x100 pcs) 	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 (1x100 pcs)) 	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 (1x100 pcs) 	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 (1x20 pcs) 	1084591	Set of 20 boxes (also referred as AutoGrid Box) 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 used to manipulate AutoGrids between an AutoGrid box and a cassette.	2

Accessory / Consumable	Part number	Description	Included with microscope
	1515747	The AutoGrid shuttle has a pre-tilted sample uptake and can accommodate two AutoGrid. The shuttle is labeled with engraved (AG) mark on the top and back side. It is compatible with the iFLM Correlative System and with Hydra Bio	2
HPF-Carrier Shuttle 3 mm 	1515759	The HPF-Carrier shuttle 3 mm has a pre-tilted sample uptake and can accommodate standard HPF carrier of 3 mm and an AutoGrid. The respective positions of the HPF 3 mm carrier (P3) and the AutoGrid (AG) are engraved on the top and back side of the shuttle. It is compatible with the iFLM Correlative System and with Hydra Bio	0
HPF-Carrier Shuttle 6 mm 	1515762	The HPF-Carrier shuttle 6 mm has a pre-tilted sample uptake and can accommodate standard HPF carrier of 6 mm and an AutoGrid. The respective positions of the HPF 6 mm carrier (P6) and the AutoGrid (AG) are engraved on the top and back side of the shuttle. It is compatible with the iFLM Correlative System and with Hydra Bio	0
HPF-Sapphire Shuttle 3 mm 	1515752	The HPF-Sapphire shuttle 3 mm has a pre-tilted sample uptake and can accommodate standard HPF sapphire disk of 3 mm and an AutoGrid. The respective positions of the HPF 3 mm sapphire disk (S3) and the AutoGrid (AG) are engraved on the top and back side of the shuttle. It is compatible with the iFLM Correlative System and with Hydra Bio	0
HPF-Sapphire Shuttle 6 mm 	1515754	The HPF-Sapphire shuttle 6 mm has a pre-tilted sample uptake and can accommodate standard HPF sapphire disk of 6 mm and an AutoGrid. The respective positions of the HPF 6 mm sapphire disk (S6) and the AutoGrid (AG) are engraved on the top and back side of the shuttle. It is compatible with the iFLM Correlative System and with Hydra Bio	0
Leica Cryo CLEM Kit 35 degree 	1514060	The Leica Cryo CLEM Kit 35 degree contains one FIB-shuttle compatible with the Leica Cartridge used in the Leica EM Cryo CLEM light microscope. It is compatible with the iFLM Correlative System and with Hydra Bio. The kit contains all tools required for shuttle manipulation and transfer.	0

Accessory / Consumable	Part number	Description	Included with microscope
Preparation Station 	1136946	Complete preparation set comprised of: controller station, preparation pot with loading-lid and diaphragm pump. Note: transfer rod is not included.	1
Preparation Pot 	1215927	Additional single preparation pot for the Aquilos Cryo-FIB	0
Half Moon Grids (1x100 pcs) 	1063888	Copper grids with 4POST used in the EasyLift Cryo application	2
W Probe tips (1x10 pcs) 	1020466	Tips for needle used in the EasyLift Cryo application for attaching the sample chunk. They should be replaced if damaged, or once the capacity of the needle (after re-sharpening) is reached.	3
Tweezer, straight 	4022 297 12561	Pair of tweezers used to manipulate the needle used in the EasyLift Cryo application	1

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