

MODULE NAME	CODE	DESCRIPTION	ESSENTIAL/OPTIONAL
MU	-	Main unit: contains the micro controller and the power distribu-	Essential
BF	-	Base fan: contains the cooling system for the instruments	Essential
LH	-	Laser head unit: allows to connect the controller to an external laser includes current modulators and the laser protections	Essential
DDS	-S	Double digitally controllable signal generator. Internal generation of the modulating signals for the laser current includes current modulators and the laser protections	Optional
TEC	-T	Temperature controller: is used to stabilize the temperature of the laser	Optional
CD02	02	Low-noise current generator with 250 mA of maximum current	Optional , only available for QubeDL
CD07	07	Low-noise current generator with 750 mA of maximum current	Optional , only available for QubeDL
CD05	05	Low-noise current generator with 500 mA of maximum current	Optional , only available for QubeCL
CD10	10	Low-noise current generator with 1000 mA of maximum current	Optional , only available for QubeCL
PLL	-P	Phase Lock Loop: allows to offset phase-lock the laser to a second reference laser	Optional
PDH	-D	Pound-Drever-Hall: allows to lock a laser to an optical cavity	Optional
LIA	-L	Lock-In Amplifier: to lock a laser onto a molecular transition	Optional
LS	-H1	Laser shield module for housing HHL packaged Hamamatsu QCLs	Optional , only available for QubeCL
	-H2	Laser shield module for housing HHL packaged Alpes QCLs	Optional , only available for QubeCL
	-H3	Laser shield module for housing HHL packaged Thorlabs QCLs	Optional , only available for QubeCL
	-B1,-B2,-B3	Laser shield module for housing Butterfly packaged laser with different pinouts. Tell us the laser pinout, we will select	Optional , only available for QubeDL
	-BH	Laser shield module for housing Butterfly packaged Hamamatsu QCLs	Optional , only available for QubeCL