
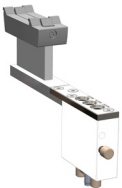



Modules



Part No.	Description	Compatible with:			
		RTC	RSI	LSI	
PAL3-Agitator	Agitator for the incubation and agitation of up to 6x 20mL vials	X	X	X	
PAL3-BarcodeReader	Barcode Reader with 2 active laser scanners for all standard vials containing 1 dimension (1-D) barcode in a horizontal orientation	X	X	X	
PAL3-Centrifuge-2mL	Centrifuge for the centrifugation of up to 8x 2mL vials Maximum speed of 7200 rpm. this corresponds to a RCF of 5000 x g	X	X	X	
PAL3-Centrifuge-Combi	Centrifuge for the centrifugation of 2x 10mL vials, 2x 20mL vials or up to 4x 2mL vials Maximum speed of 4800 rpm. this corresponds to a RCF of 2000 x g	X	X	X	
PAL3-Decapper	Decapper Module for opening and closing of initially closed 2mL, 10mL or 20mL vials PALsystem Vials with re-cappable vial caps are highly recommended for multiple opening and closing procedures within a workflow Requires FW Version 2.4 or higher	X			
PAL3-DilutorMulti	Dilutor Module, consisting of: 1 pc Dilutor module 1 pc Connection cable 1 pc Dilutor Tool 1 pc Dilutor syringe 1mL 1 pc PFA Transfer tube 1/16" 5 pc Solvent bottle 1000ml 5 pc Aspirating tube 1/8" requires firmware version 2.1.0 or higher	X	X		
PAL3-DilutorSingle	Dilutor Module, consisting of: 1 pc Dilutor module 1 pc Connection cable 1 pc Dilutor Tool 1 pc Dilutor syringe 1mL 1 pc PFA Transfer tube 1/16" 1 pc Solvent bottle 1000ml 1 pc Aspirating tube 1/8" requires firmware version 2.1.0 or higher	X	X		
PAL3-FlowCell	Flow-Cell Module to accommodate up to 6 flow cells, consisting of: 1 pc Holder 88mm 1 pc Flow-Cell Stainless Steel 316 with connectors Swagelok 1/4" 5 pcs Inlet Septa	X	X		

Part No.	Description	Compatible with:			
		RTC	RSI	LSI	
PAL3-HeatexStirrer	Heatex Stirrer for intensive heating and stirring of 1x 20mL vial without stir bar Specific Heatex Stirrer insert for 10mL vial available (not included) requires firmware version 2.3 or higher (use in combination with existing PAL3-Agitator)	X	X		
PAL3-MHE-Module	Multiple Headspace Extraction Module, consisting of MHE module, MHE tool and MHE needle Gauge 22/5	X	X		
PAL3-SPME-ArrowCond	SPME Conditioning Module for the conditioning of SPME Arrows and SPME fibers Includes a second position for conditioning a replacement SPME arrow or SPME fiber requires firmware version 2.3 or higher	X	X		
PAL3-ValveDrive-R	Valve Drive Module for Rheodyne valve (without valve) consisting of: 1 pc Valve Drive Module 1 pc PAL Bus connection cable requires firmware version 1.4.0 or higher	X	X	X	
PAL3-ValveDrive-V	Valve Drive Module for Valco valve (without valve) consisting of: 1 pc Valve Drive module 1 pc PAL Bus connection cable requires firmware version 1.4.0 or higher	X	X	X	
PAL3-VortexMixer	Vortex Mixer for the intensive mixing of 1x 2mL, 10 or 20mL vials with an agitation speed between 0-2000 rpm	X	X	X	
PAL3-ParkStation-RTC	Park Station for the storage and robotic tool change of up to three PALtools like Liquid, HS, SPME, consisting of: 1 pc Park Station 1 pc Electrical connection cable	X			
PAL3-SolventModule	Solvent Module for 3x 100mL solvent bottles	X	X	X	
PAL3-WashFast	Fast Wash Module for two solvents (Needle Gauge 19 to 26), consisting of: 1 pc Wash Module with two wash positions and one Waste position 1 pc Pump Module with two solvent pumps 2 pc 1 liter solvent bottles with tubings and frits 1 pc PALbus connection cable requires firmware version 2.0.1 or higher	X	X	X	

PAL3-WashLarge	Large Wash Module for 2x 100mL solvent vials and one waste position	X	X	X	
PAL3-WashLCMS	Wash Module for LCMS Tool. with two wash positions and one waste position Requires FW 2.0.x or higher	X	X		
PAL3-WashStd	Standard Wash Module for up to 4x 10mL solvent vials and 1x 10mL waste vial	X	X	X	
PAL3-Terminal	Terminal for PAL3 Autosampler Systems	X	X	X	