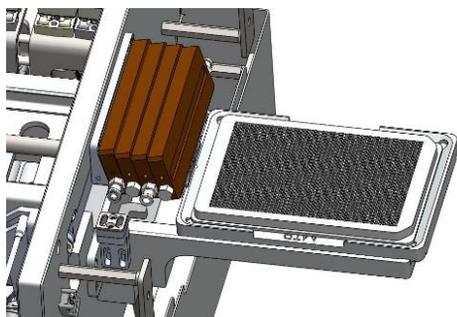


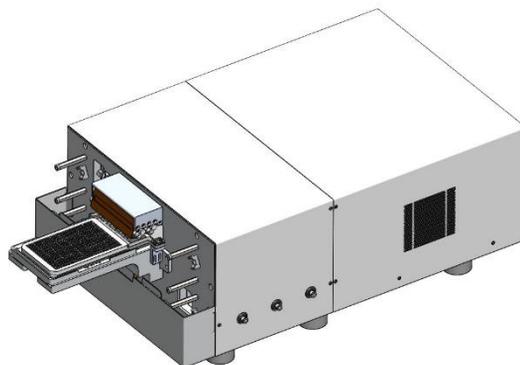


# Blue<sup>®</sup> Washer Dedicated Blue<sup>®</sup> Dispenser: Economic dispensing of precious reagents into batches of plates

BLUE CAT BIO



**Up to 3 dedicated Blue<sup>®</sup> Dispenser heads  
“piggyback” on top of the shared dispenser**



**Inputs for up to 3 dedicated Blue<sup>®</sup>  
Dispensers on right side of front cover**

The Blue<sup>®</sup> Washer can be configured with **up to 3 dedicated Blue<sup>®</sup> Dispensers**, in addition to the standard, shared Blue<sup>®</sup> Dispenser, which can dispense from 4 or 7 liquid inputs. This option makes it **economical to dispense precious reagents into larger batches of plates** – no interim flushing needed.

## Specifications – dedicated dispense option

<b>Dispense system – dedicated dispenser</b>	Each dedicated dispenser is driven by its own precision membrane pump and electromechanical valves controlled by on-board Linux CPU. In addition to the liquid connected to its dedicated input, each dedicated dispenser can also dispense ANY of the liquids connected to the shared inputs, allowing dedicated dispensers to be cleaned using Blue <sup>®</sup> Daily, Blue <sup>®</sup> Intense & DI from shared inputs.
<b>Dedicated liquid inputs</b>	Choice of 1, 2 or 3 dedicated liquid inputs with Luer lock fittings located on right hand side of Blue <sup>®</sup> Washer (opposite shared inputs)
<b>Dispense Specifications</b> (all volumes per well)	<b>Manifold:</b> 8, 16, or 32 needles (for 96/384/1536 well MTP) <b>Jet position:</b> Slanted dispenser mount to aim at well walls, plate off-set adjustable <b>Pressure:</b> adjustable in 5 steps, from approx. 35% to full pressure <b>Speeds:</b> 96w MTP: 7 sec @ 100µl; 384w MTP: 13 sec @ 50µl; 1536w MTP: 13 sec @ 8µl <b>Range &amp; accuracy:</b> 96 and 384 MTP: >5µl, < 3%CV @ 100µl; 1536 MTP: >3µl, < 5%CV @ 10µl
<b>Internal dead volume</b>	8 ml (input connector to dispenser pin tips)
<b>Tubes</b>	<b>Reagent tubes:</b> length: 1m, Ø outside: 5mm, Ø inside: 3mm; Luer locks on both ends connect BlueWasher input to Luer lock on GL-45 cap for reagent bottle, color-coded
<b>Cleaning &amp; decontamination</b>	Single touch <b>QuickClean</b> and <b>IntenseClean</b> protocols with custom <b>Blue<sup>®</sup> Daily</b> and <b>Blue<sup>®</sup> Intense</b> cleaning solutions highly effective to clean and decontaminate dedicated dispense heads
<b>Dimensions (HxWxD)</b>	The dedicated <b>Blue<sup>®</sup> Dispenser</b> heads add 28mm to the thickness of the blue and grey front covers but the position of feet and overall length (incl. plate nest) remain unchanged vs. standard configuration. New length without plate nest: 560.5 mm (vs. 532.5 mm standard configuration) Location of up to 3 liquid inputs: along bottom of right, front side panel Note: In configuration with 3 dedicated dispensers, plate extends ~5mm beyond edge of balcony