



# SUTTER INSTRUMENT FILTER WHEELS AND CONTROLLERS

Features	Lambda 10-3	Lambda 10-B
<b>Max. # of Wheels</b>	2	1
<b>Max. # of Shutters</b>	3 <sup>1</sup>	2 <sup>1</sup>
<b>Shutter Type</b>		
SmartShutter®	■	■
Uniblitz®	■	■
<b>Filter Diameter (mm)</b>		
25/32/50 <sup>2</sup>	■	■
<b>Min. Switching Time<sup>4</sup> (ms)</b>		
40 ms – 25 mm wheel	■	■
50 ms – 32 mm wheel	■	■
31 ms – 4-position 25 mm	■	■
<b>Power Supply</b>	Chopper	Chopper
<b>Computer Interface</b>		
Serial	■	■
Parallel	■	■
USB	■	■
<b>TTL In/Out</b>	Yes	Yes

1. The **Lambda 10-3** can be used to drive up to 3 filter wheels and 2 shutters, or 3 shutters and 2 filter wheels. The **Lambda 10-B**, two shutters or one wheel and one shutter.
2. The controller automatically detects the installed hardware.
3. Minimum switching time between adjacent filters depends on the filter load. The given values are for a load of 2 filters.



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