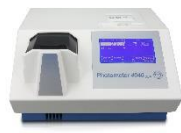


## All RIELE Photometers in Comparison



**Photometer 5010**



**Photometer 4040**



**Photometer 4040+**



**Photometer 680 Filter  
Wheel**



**Photometer 680**



**Photometer 10**

<b>Type</b>	Semi-automated single-beam filter photometer	Manual single-beam filter photometer	4-channel filter photometer	Single-beam filter photometer	Single-beam filter photometer	Handy single-beam filter photometer
<b>System</b>	flow-through cell and standard cuvette	standard cuvette	standard cuvettes	standard cuvette or tube (16 mm)	standard cuvette or tube (16 mm)	standard cuvette or tube (13-14 mm)
<b>Light Source</b>	LED	LED	LED	Tungsten or LED	Tungsten or LED	LED
<b>Wavelength</b>	340 nm and 390 nm – 730 nm	340 nm and 390 nm – 730 nm	340 nm and 390 nm – 730 nm	Tungsten: 340 nm – 900 nm LED: 436 nm – 690 nm	340 nm – 900 nm	450 nm – 650 nm
<b>Wavelength Selection</b>	Automatic filter wheel	Automatic filter wheel	Automatic filter wheel	Manual filter wheel	Discrete filters	Discrete filters
<b>Temperature Control</b>	25 °C, 30 °C and 37 °C	37 °C	37 °C	N/A	N/A	N/A
<b>Power Supply</b>	100 VAC up to 240 VAC at 50/60 Hz	100 VAC up to 240 VAC at 50/60 Hz	100 VAC up to 240 VAC at 50/60 Hz	Input: 100 VAC up to 240 VAC at 50/60 Hz, output: 12 VDC / 1 ADC	Input: 100 VAC up to 240 VAC at 50/60 Hz, output: 12 VDC/ 1 ADC	100 VAC up to 240 VAC at 50/60 Hz and batteries
<b>Dimensions</b>	33 cm x 34 cm x 18 cm	33 cm x 34 cm x 18 cm	33 cm x 34 cm x 18 cm	24 cm x 22 cm x 8 cm	23 cm x 22 cm x 8 cm	18 cm x 13 cm x 7 cm
<b>Weight</b>	5.0 kg	4.8 kg	5.8 kg	1.3 kg	1.1 kg	0.5 kg
<b>Features</b>			3 channels for UV and one for the visible range	Optional printer	Optional printer	Also for McFarland measurements