



### PRODUCT IN BRIEF

LabSat™ Research is an ultra-rapid automated staining instrument for research laboratories based on an innovative microfluidic technology that performs IHC/IF assays.

### FEATURES

### CAPABILITIES

Applications	<p>Fixation: FS, FFPE</p> <p>Staining: IHC, IF</p> <p>Monoplex and Multiplex</p>
Slide capacity	1 slide
Slide requirements	<p>Thickness: 1 mm / 0.04 in</p> <p>Width: 25 - 26 mm / 1 in</p> <p>Length: 75 - 76 mm / 3 in</p> <p>Positively charged</p>
Tissue thickness requirements	3-10 $\mu$ m
Staining area	22 x 22 mm / 0.87 x 0.87 in
Temperature control	✓
Staining time to first marker	<p>11-15 min (avg. time for FS)</p> <p>20-30 min (avg. time for FFPE)</p>
Software	<ul style="list-style-type: none"> <li>• Open choice of reagents</li> <li>• Add, delete, change order of steps</li> <li>• Incubation times</li> </ul> <p>More customization options upon request</p>
Dimensions	22 (H) x 37 (D) x 45 (W) cm / 8.7 (H) x 14 (D) x 17.7 (W) in
Weight	12.5 kg / 27.5 lb
Capacity	<p>8 small volume reservoirs (1.5 / 2 ml Eppendorf® tubes)</p> <p>4 large volume reservoirs (50 ml Falcon® tubes)</p> <p>1 waste bottle (250 ml)</p>
Installation requirements	<p>Electrical input: 100-240V ~AC 50-60Hz 2.0A</p> <p>Air supply: 5-8 bars at 20 L/min (ISO 8573-1 - 1.4.4)</p> <p>(Compressor optionally included)</p>
Catalogue numbers	<p>LS01 - LabSat™ Research</p> <p>MK01 - Microfluidic Kit (25 Staining Chips, 5 Distribution Chips for 25 tests)</p>