

**UV-P200 Series**    **UV Laser Direct Imaging System of the *ADVANCED* class**

**Technical Data**

<b>Panel size:</b>	700 mm x 600 mm <i>further sizes possible on request</i>
<b>Minimal resolution:</b>	<b>50 um/ 2 mil</b> <i>25 um optional</i>
<b>Positioning:</b>	+/- 1 um (repeat accuracy) +/- 3 um (absolute)
<b>Positioning:</b>	Linear motor system with laser interferometric calibration +/- 1 um (repeat accuracy) +/- 3 um (absolut)
<b>Depth of focus:</b>	Linear motor system with laser interferometric calibration <b>Optimized depth of focus</b> <b>+/- 300 um</b>
<b>Laminate thickness:</b>	Up to 10 mm <i>up to 120 mm optional</i>
<b>Media:</b>	<b>Dry and liquid coated panels</b> <i>e.g. Elga, Dupont, Hitachi Chemicals, Murakami</i>  <b>Solder resists</b> <i>z.B. Peters, Tayio, SunChemicals</i>  <b>Masks / silver Films</b> silver films (e.g. Agfa Idealine OPF)  <b>Direct imaging of diazofilms</b>
<b>Software:</b>	Limata Software Path X
<b>Interface:</b>	Ethernet, Digital I/O 24 V DC
<b>Data format:</b>	Extended Gerber RS274-X, DPF, HPGL <i>further formats on request</i>
<b>Registration:</b>	HD camera system
<b>User interface:</b>	LCD Touch Screen 8"
<b>Loading / Unloading :</b>	Manual loading / unloading via vaccum drawer system
<b>Dimension &amp; weight:</b>	<b>Optional:</b> <b>Robot unit for automatic loading / unloading for 24 / 7 manufacturing process</b> Height: 1,75 m Width: 1,2 m Depth: 1,5 m Weight: 1.500 kg