

SPECIFICATIONS FOR THE PURCHASE OF HPTLC ACCESSORIES

S. No.	Model No.	Description
1.	HPTLC Photo documentation System	<p>HPTLC Image documentation system pro-lite with TLC scan</p> <p>Specifications: Lamp Source: Flicker less illumination > 50kHz.</p> <p>Illumination: Individual switches control the ON & OFF of Top & Bottom Lamps sources Top & Bottom sources can be made on Simultaneously. Top illumination.</p> <p>Visible Light Source UV 254 nm: 4 No. (2 from each side). With Separate Filter on either side</p> <p>UV 365 nm: 4 No. (2 from each side). With Separate Filter on either side</p> <p>Bottom Illumination: TRANS ILLUMINATOR – 4X8 W Visible Light Sources are in built. Lamp Filters Imported filters are fixed in front & UV light sources on either side to ensure proper incident wavelength & to cut off unwanted harmonics.</p> <p>Timer: Micro controller based Provision to select timing either in second, minutes, and hours. Range 1 to 99, with START / STOP, SET Keys. 3 digit digital display. ON delay</p>
2.	High resolution camera	<p>High resolution industrial camera: IR protective Filters Auto white balance with imaging sensor, Electronically-controlled focal plane shutter, with electronic first curtain - - TTL-CT-SIR with a CMOS sensor ,Shutter speed 1/4000, or equivalent</p> <p>Electrical: Mains voltage 230VAC 50Hz + / -10%</p> <p>Humidity/Temperature: 80% Rh / 30 deg. centigrade.</p> <p>Camera Filters: UV blocking filter is provided with unit. Filters of 60 nm diameter can be provided to put in front of camera lens. This gives an additional facility for enhancing images if required under different colour filters.</p> <p>Software: Auto calculation of Retention Factor</p>

		(R _f) Annotation Facility Audit trail & log book included. Inbuilt validation IQ/OQ included Secured data base storage 21 part CFR 11 compliance
3.	TLC Quantitative/Image Analyses Software	TLC Image Analysis software for Qualitative and Quantitative Analysis (Single User License) with Installation and Training: Perform quantitative analysis on TLC plates in minutes. Automatically detect and truly compare chromatograms in three dimensions. Compare data from spots and plates. Group and average plates for increased statistical reliability. Display graphs and store TLC plates in projects. Export data into Excel or other third party software for further custom analysis. Print graphs, plates and data sheets. Aids compliance with FDA 21 CFR Part 11
4.	Automation TLC Sprayer	Automatic TLC sprayer Sprayer for TLC reagents, Easy to Use, Easy to clean, Sprayer pressure 4.4 bar, Uniform distribution, low reagent consumption.