IT Equipment Requirements

No	Item	Purpose	Recommended specifications Product	Specified Equipment	Remarks
1.	PC	• PC on which PAS software is installed • One PC is required for each workbench.	• CPU：Intel Core™ i5-11400 • RAM：8GB~ • SSD：480GB~ • OS：Windows 10 pro 64bit • USB port：5~ • As long as it fulfills its purpose.	MousePro-S231SG3L *For SSD customization	• At least 5 USB ports required • Recognition camera x 2 • Barcode reader x 1 • Mouse x 1, KB x 1 • When using a camera for recording, one additional port is required. • 1 additional port is required when using a camera for recording. • EXCEL is available in 32bit.
2.	Projector	• For navigation to workbench • At least 1 unit per workbench	• Resolution: 800 × 600 or higher • Rear projection supported as long as it fulfills its purpose.	EB-1795F (EPSON)	• Must be able to connect to No.1 PC. • Cables and conversion connectors are required depending on the port type of the PC.
3.	Barcode Reader	• Reads operator IDs and sequence IDs • One unit is required for each workbench.	• Compatible with keyboard interface • USB connection type • With automatically assigned Enter key (suffix) ※as long as it fulfills its purpose.	OPL-6845S-V-WHT-USB (optoelectronics)	-
4.	USB Camera	• For image recognition (2 units) • For recording work contents(1 unit)	• Due to image processing recognition, limited to verified devices (see right)	C920e HD (Logitech)	• The following equipment is required • Resolution: 800x600 setting • Focus: Fixed (manual) For detection camera, CMS-V54BK is also available.
5.	Display	• Displays for software configuration and video display	• Maintenance Tool Screen Display • Resolution: 1366 x 768 or higher as long as it fulfills its purpose.	EIZO EV2456-RBK (EIZO)	• Must be able to connect to No.1 PC. • Cables and conversion connectors are required depending on the port type of the PC.
6.	Speaker	• Speakers for audio	• As long as it fulfills its purpose.	MM-SPU8BK (Sanwa Supply)	• When using this product, an additional USB port must be added to the PC. port on the PC is required to use this product.
7.	LED Light	• To light up the entire workbench	• As long as it fulfills its purpose.	CLLE03N07 (YAZAWA CORPORATION)	-
8.	IO Board	• Receives input from external devices	• 24CH • USB interface • Only for verified equipment (see right)	USB-6501 (National Instruments)	• Driver installation required

Note: The above information is current as of March 2022. Please note that the equipment applicable to the specifications may no longer be available.