

## Specification and scope of supply of P370.50

| Description                                                                               | Specification/scope of supply                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max component length                                                                      | 2355mm                                                                                                                                                                                          |
| Max component width                                                                       | 1570mm                                                                                                                                                                                          |
| Max component thickness                                                                   | 285mm                                                                                                                                                                                           |
| Max component weight                                                                      | 500kg UDL (Uniformly Distributed Load)                                                                                                                                                          |
| Measuring accuracy, length & width*                                                       | +/- 50/100 µm*                                                                                                                                                                                  |
| Measuring accuracy, height** (optional with Surfscan)                                     | +/- 300 µm                                                                                                                                                                                      |
| Point Spacing                                                                             | 0.43mm                                                                                                                                                                                          |
| Measuring speed**                                                                         | <0.25sec                                                                                                                                                                                        |
| Camera                                                                                    | Industrialized ultra high resolution professionally mounted in sealed enclosure                                                                                                                 |
| Computer                                                                                  | Dell, Windows 11                                                                                                                                                                                |
| Screen                                                                                    | 20 inch flatscreen or better                                                                                                                                                                    |
| Peripheral equipment                                                                      | Keyboard and optical mouse                                                                                                                                                                      |
| Proprietary InspecVision software                                                         | Inspection, SPC, Reporting, Reverse engineering                                                                                                                                                 |
| Data cable                                                                                | USB2 or USB3                                                                                                                                                                                    |
| KVM                                                                                       | Keyboard, Video Display & Mouse stand (PC integrated into light table assembly)                                                                                                                 |
| Light table construction                                                                  | Frame with removable sheet metal cladding                                                                                                                                                       |
| Light table measuring surface                                                             | Laminate glass, toughened with integral diffusion layer                                                                                                                                         |
| Light source                                                                              | LED Strip                                                                                                                                                                                       |
| Mast construction                                                                         | Heavy folded sheet metal construction                                                                                                                                                           |
| Power supply                                                                              | 230 Volt, single phase, 50Hz, (32A 230V IEC EE 60309 Plug to 32A 230V IEC EE 60309 Socket Lead supplied) or 110 Volt, single phase, 60Hz, (NEMA L5 30P to NEMA L5 30R lead supplied) on request |
| Power consumption                                                                         | 20 Amp maximum at 230 Volt, 30 Amp max at 110 Volt                                                                                                                                              |
| Protective devices                                                                        | Circuit breakers, mounted at rear of light table                                                                                                                                                |
| Control panel                                                                             | Control switches for power, camera and lights. Main power indicator                                                                                                                             |
| EC directives                                                                             | Compliant with Machinery, Low voltage and EMC Directives                                                                                                                                        |
| Paint colour (powder paint)                                                               | RAL5013 (cobalt blue)                                                                                                                                                                           |
| Ambient operating conditions                                                              | 10-30 degree C                                                                                                                                                                                  |
| Approx Footprint/installed width/ depth/ height/ weight of installed Light table and Mast | 2847mm (W) x 2650mm (D) x 5646mm (H) <1450kgs                                                                                                                                                   |
| Approx Footprint/installed width/ depth/ height/weight of KVM)                            | 710mm (W) x 474mm (D) x 1740 (H) <100kgs                                                                                                                                                        |
| Standard packing                                                                          | Export crates suitable for sea shipping (3 nos)                                                                                                                                                 |
| Warranty                                                                                  | One year limited warranty on hardware and software                                                                                                                                              |
| Optional extended warranty                                                                | Two or three year extended warranty (requires software upgrade option)                                                                                                                          |
| Software support option                                                                   | Annual support contract provides free software upgrades                                                                                                                                         |

\*The first accuracy value specifies the accuracy achieved over most of the table,

the second accuracy value specifies the accuracy achieved at table edges

\*\*Accuracy results are verified on standard production machines using tests based on ISO 10360

Actual measuring accuracies achieved will depend on operating environment, user input, quality and condition of materials

Errors and omissions excepted

Due to our policy of continuous improvement specifications are subject to change without notice, please contact factory or your InspecVision dealer

Non-standard hardware, software or acceptance tests must be defined prior to purchase



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# P370.50 Schematic

DIMENSIONS IN BRACKETS ARE IN INCHES

