# ΡωΜΕΛΣ



#### 3D Scanning Measurement Programme

Non-contact surface array fast scanning measurement

### **PRODUCT ADVANTAGE**

- High-precision non-contact measurement: no damage to the product and high measurement accuracy;
- High-speed scanning: the fastest scanning time is only 4s, which can be analysed to produce all the corresponding size reports;
- Powerful data analysis capability: with 2D point fitting, 3D contour analysis, 3D cross-section analysis, 3D auxiliary verification and other comprehensive analysis and processing functions.

#### **AREAS OF APPLICATION**

- Dimensional measurement: quickly obtain 2D and 3D dimensional reports of the workpieces to be measured, especially for the dimensional measurement of large-size and complex shaped workpieces with unique advantages;
- Reverse engineering: the 3D model of the sample to be measured can be obtained quickly, and prototype samples can be made quickly for verification through rapid prototyping technology, which greatly shortens the development cycle;
- Defect analysis: by comparing the workpiece measurement data with the design data, it can quickly locate and correct the defective parts applicable to 3D dimension measurement, 3D surface profile comparison, reverse engineering and other projects, and can be equipped with moving parts for automated measurement.

Code	PMS-SCH38	PMS-SCH60	PMS-SCH170	PMS-SCH320
Probe Size (mm)	260x205x76	260x205x76	260x205x76	260x205x76
Light Source	LED blue light	LED blue light	LED blue light	LED blue light
Maximum Scanning Time	4S	4S	4S	4S
Measuring Accuracy (mm)	0.005	0.005	0.01	0.02
Measuring Range(mm)	38x28.5	60x45	170x130	320x240
Measuring Distance (mm)	280	280	280	280
Automation Functioning	Software comes with	Software comes with	Software comes with	Software comes with
Automation Spindle	Two Axes (X, Y)			
Working Voltage	210-230VAC	210-230VAC	210-230VAC	210-230VAC
Signal Cable Set	5m	5m	5m	5m
Weight (kg)	32	32	32	32
Operating Temperature Range	23°C-40°C	23°C-40°C	23°C-40°C	23°C-40°C

#### **PRODUCT CASES**









**3D** printing



Wind Power Industry

#### Automobile Industry





#### **Electronic Product**



#### **Building Furniture** Manufacturing



# **Medical Simulation**

## Heritage Conservation

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