



NEW SPC ROBOT



100 MEASUREMENTS
1 CLICK



SPC-ROBOT is the new mobile and robotized unit for the automatic control and SPC data collection, conceived for Industry 4.0.
SPC REVOLUTION DIRECTLY IN THE WORKSHOP

ADVANTAGES

PERFECT TO GET FAST STATISTICAL REPORTS, PPAP AND CENTRALIZED DATA COLLECTION

● **MOBILE, SOLID STRUCTURE,**

equipped with pivoting wheel, suited to be used **in the production shopfloor** nearby the machines, **reducing the times** needed for the statistical controls in the metrological room and replacing the traditional, manual tools (calipers, micrometers, profile projectors, etc.)

● **INTUITIVE AND EASY-TO-USE,**

complete range of measurement tools for diameters, lengths, angles, radii and any kind of thread

● **INSTANTANEOUS GRAPHICAL DISPLAYING** of the measurements status

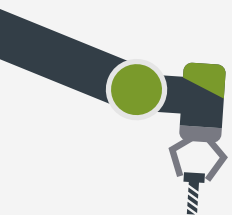
with statistical parameters calculation and storing of the related batch data

● **UNLIMITED NUMBER OF INSPECTION PLANS CAN BE STORED**

by drawing number or item code, being re-called at any time, even by bar code scanner



EQUIPMENT



1

ULTIMATE GENERATION COBOT

- FLEXIBLE HANDLING
- TEACH-IN



2

SMART CAMERA ROBOT GUIDE



3

TURBOCLEAN STATION



4

2 HIGH RESOLUTION CAMERAS 90°

- 1x 5 Mpixels
- WITH COLLIMATED OPTICS



5

EASY TOUCH SCREEN

SPECIFICATIONS

- All around 360° - dimensional control with part rotation
- Attribute controls
- Cp, Cpk, Σ Gauss Distribution calculation
- Automatic calibration system with programmable expirations - Theoretical quota calculation, indirect control of inner geometry and attribute inspection
- Optional interfacing with the net and the company ERP management system
- Data backup system by UPS with floating battery
- User access regulated by passwords and hierarchical privileges, with user data association to the measurements carried out
- Remote monitoring option tools and online teleassistance for technical servicing, software upgrade and training

OPTIONAL

- NDT Eddy-current control station
- Trial station of floating screwing
- Laser marking station

CONTROLLABLE PARTS



Screws, ball-headed pins, rods, fittings and special cold-forged or turned parts, with cylindrical symmetry

MODEL	L-50	L-70	L-150
Min dimensions of the part			
Diameter	4 mm / M4	5 mm / M5	5 mm / M5
Total length	30 mm	30 mm	30 mm
Max dimensions of the part			
Diameter	20 mm / M20	25 mm / M25	25 mm / M25
Total length	50 mm	70 mm	150 mm
Max part weight	2 Kg	2 Kg	2 Kg
Accuracy	5 μ m	10 μ m	10 μ m
Repeatability	3 μ m	5 μ m	5 μ m