

Product Name :
Grinding and Polishing Robot

Product Code :
TN875



Description :

Grinding and Polishing Robot

Technical Specification :

Grinding & Polishing Robot
Grinding- and polishing robot with central pressure
Intuitive operation via touchscreen surface
Variable speed control of working wheel and polishing head
Same & counter direction grinding
Stock removal measurement
Automatic abrasive changer (16-fold)
Abrasive carrier fastening by ValuJet
Working wheel cooling / bowl rinsing with interval switching
Cleaning station with water, air and ethanol
Ultrasonic cleaner
6-fold dosing unit
Level warning dosing system (optional)
Magnetic stirrer (optional)
Storage drawer for abrasives (optional)
Settling tank 45L (optional)
Aluminium case, powder-coated
Safety light barrier
LED working space lighting
Preparation for air extraction

Up to 200 programs with all parameters storable, protected per password
USB interface for creating program backup
E-lab ready
200-240 V, 50/60 Hz (1Ph/N/PE)

Specifications:

Connected load: 3.7 kVA
Power supply: 220 ~ 230 V 50/60 Hz (1PH/N/PE)
Grinding Station
Working wheel- \varnothing : 250 mm
Working wheel speed: 50 ~ 600 rpm
Cleaning station
Cleaning media air, water, ethanol
Ultrasonic cleaning station
Capacity: 2L
HF-power: 50W
Frequency: 40KHz
Abrasive changer
Storage: 16 different grinding media
abrasive- \varnothing : 250 mm
Grinding and polishing head
Speed: 30 ~ 150 rpm, clockwise/anti-clockwise
Pressure: 20 ~ 400 N
Controlled removal: automatic; 0.1 mm display accuracy
Sample holder: \varnothing 160 mm
Width x Height x Depth: 1320 x 1500 x 800 mm
Weight: not more than 320kg

Naugralabequipments

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