



## BENCHTOP ROBOT PDS-420SV

**PDS-420SV** robot use ball screw axis, more accurate and steady

- X/Y/Z-axis ball screw, increase robot stability and repeatability.
- Servo motor driven, accurately movement.
- Dot, Lines, Arc and 3D dispensing path is available.
- Teach Pendant is provided for simple and intuitive programming functions.
- SRE software (optional) is available for CAD file conversion.
- PDS-KIT-camera in option

### SPECIFICATION

X/Y/Z Working Range: 420 / 350 / 100 mm

Load Y-AXIS / Z-AXIS: 15 kg / 5 kg

X&Y / Z (mm/sec): 0.1~500 / 300

Repetitive Positioning Accuracy: +/- 0.01 mm/ Axis

Motor System: X/Y-axis DC high resolution stepping motor, Z-axis stepping high resolution motor

Driver System: X/Y/Z axis ball screw driven

Program Capacity: 4000 Steps

Data Storage Type: PC HD Storage

Control Method: PTP & CP

Programming Method: Windows software

I/O Signals Port: 8 Inputs / 8 Outputs

LAN communication: Option

Power Supply: AC110 ~ 220V 300W

Working Temperature: 0 - 40 °C

Working Relative Humidity: 20 - 90% no condensation

Dimensions (W x D x H): (658 x 647 x 630) mm

Robot Weight (kg): 70 kg

CBC: IBAN BE35 7320 3957 4637

BIC : CREGBEBB

BNP: IBAN BE18 0016 7573 0065

BIC : GEBABEBB

<http://www.gentec-benelux.com>

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