

T6 Spec. Sheet

| Model name | | T6 |
|--|-----------|---|
| Model number | | T6-602S |
| Payload (Load) ^{*1} | Rated | 2 kg |
| | Max. | 6 kg |
| Arm length (Joints #1+#2) | | 600 mm |
| Repeatability | Joint#1~2 | ± 0.04 mm |
| | Joint#3 | ± 0.02 mm |
| | Joint#4 | ± 0.02 deg |
| Standard cycle time ^{*2} | | 0.49 sec |
| Max. motion range | Joint#1 | ± 132 deg |
| | Joint#2 | ± 150 deg |
| | Joint#3 | 200 mm |
| | Joint#4 | ± 360 deg |
| Max. operation speed | Joint#1-2 | 4180 mm/s |
| | Joint#3 | 1000 mm/s |
| | Joint#4 | 1800 deg/s |
| Join#4 allowable moment of inertia ^{*3} | Rated | 0.01 kg·m ² |
| | Max. | 0.08 kg·m ² |
| Joint #3 down force | | 83N |
| Mounting type | | Table Top |
| Installation Environment | | Standerd |
| Weight (cables not included) | | 22 kg |
| Applicable Controller | | Built in controller |
| Power / cable length | | AC100-240V / 5m |
| Power Consumption ^{*4} | | 1.2 kVA |
| Installed wire for customer use | | Hand I/O: IN6/OUT4(D-sub 15pin), User I/O:IN18/OUT12 |
| Installed pneumatic tube for customer use | | ø6 mm x 2, ø4mm x 1 : 0.59 MPa (6 kgf/cm ² : 86 psi) |
| Safety standard | | CE mark |

*1 : Do not apply the load exceeding the maximum payload.

*2 : Cycle time based on round-trip arch motion (300mm horizontal, 25mm vertical) with 2 kg payload (path coordinates optimized for maximum speed).

*3 : If the center of gravity is at the center of each arm. If the center of gravity is not at the center of each arm, set the eccentric quantity using INERTIA

*4 : It depends on operating environment and operation program.

| Supported software option | |
|--------------------------------|---|
| Vision Guide 7.0 (CV2/CV1/PV1) | ● |
| RC+ API 7.0 | ● |
| ECP | ● |
| GUI Builder 7.0 | ● |
| OCR | ● |

| Supported controller option | |
|---|---|
| Teaching pendant TP1 | — |
| TP2 | ● |
| TP3 | ● |
| Conveyor tracking | — |
| PG motion system | — |
| Emergency stop switch | ● |
| RS-232C cards | — |
| I/O expansion cards | — |
| Fieldbus I/O (slave) PROFIBUS-DP, DeviceNet, CC-Link, EtherNet/IP, PROFINET, EtherCAT | ● |
| Fieldbus I/O (master) PROFIBUS-DP, DeviceNet, EtherNet/IP | ● |
| I/O Cable kit | — |
| Vision option PV1, CV2 | ● |
| Force sensor option S250 | — |
| Drive unit (DU) | — |