

Torch Height Controller iTHC-200



Features:

- A. Power Supply uses AC220V and DC 24V, the current of DC 24V power depends on the load of DC motor.
- B. Support DC motor below 20W, stepper motor load depends on its drive, speed is 1kHz, and to protect the control circuit of Motor, it adopts current protection, resettable fuse short circuit protection, R-C release circuit.
- C. Voltage Divider adopts Isolation Voltage Divide, with ratio 100:1.
- D. Full Auto Control Mode, Torch Retaining Cap IHS and Proximity Switch IHS.

It is the simplest stand alone THC, very easy on installation and operation, and work stable.

| | |
|-----------------------------|---|
| Full Name of Product | Simpliest stand alone arc voltage torch height controller |
| Product Model | iTHC-200 |
| Dimensions | L x W x H: 195 x 117 x 40 (mm) |
| Supply voltage | DC24V $\pm 10\%$ 5A, the voltage of iTHC-200 comprises DC24V and AC220. |
| Lifting motor | DC24V DC motor, step motor and servo motor |
| Output current | 0.2A ~ 2A Maximum, iTHC-200 is capable of driving higher current |
| Output power | <20W, stepper motor is not limited |
| Working temperature | Torch height controller: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ |
| Voltage Ratio | 100: 1 |
| Control Accuracy | $\pm 5\text{V}$ |
| Cutting Torch Lifting Speed | 1000mm/s ~ 2000mm/s |