

## 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°C ~ +60°C
Voltage Ratio	100: 1
Control Accuracy	$\pm$ 5V
Cutting Torch Lifting Speed	1000mm/s ~ 2000mm/s

