

THC-CHC200

CNC200 Capacitance Torch Height Controller



CHC200E/300 is a popular torch height controller which has strong anti-interference capacity

CHC-200E/300 has new features as follow,

- 1、 Increased more indicators to shows different states of THC.
- 2、 Output of collision-alarm, which is optical isolation output from THC, can be sent to CNC's Alarm input to freeze machine's move.This signal is effective on both manual/auto mode. The max output is 200mA, capable to drive most relays.
- 3、 Anti-collision function. On manual/auto mode, when metal or low-conductive item like hand touches sensor ring,C would send out collision signal and lift torch up until no collision exist.
- 4、 When HF cable is disconnected or weakly connected, it would be indicated on the disconnection indicator. So after installation HF cable, just shake the HF cable, the connection will be showed by the indicator.
- 5、 Sensitive and Accuracy is increased 100%.
- 6、 CHC200E uses digital logic control circuit for logic control, greatly improved anti-interference performance.
- 7、 CHC300 uses programmable logic design, which is adjustable according to customer's request. It can be controlled by High/Low level, and limit/auto signal can be normally open or closed, without any change on circuit, and still with high reliability on anti- interference.

8、 It supports YAG laser cutting. On laser cutting, it needs DC motor and ball-screw to secure the motor starts with low voltage (better below 2v). And it will not use sensor ring, but needs customer to design the sensing device, we can offer design diagram for reference.



XPTH-4

XPTH-4 is a high performance arc torch height controller



XPTH-4

XPTH-4 is a high performance arc torch height controller

