

TP040 Automatic Tube To Tube Sheet Orbital Welding Head Light Weight

Our Product Introduction

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Basic Information



Product Specification

- Weldable Material: Carbon Steel, Stainless Steel, Titanium Alloy
- Tube OD(mm): $\Phi 16$ $\Phi 38$ (5/8" 1 1/2")
- Tube Sheet Connection Form: Tube Flush
- Tungsten Electrode Diameter(mm): $\Phi 2.4$
- Highlight: Tube To Tube Sheet Welding Head, Orbital Welding Head light weight, light weight orbital weld head

Product Description

Description

This welding head is specially designed for fully automatic TIG welding of tube/tube welding, and is suitable for automatic welding in the form of general tube sheets. It can weld various types of tube/tube sheet joints such as carbon steel, stainless steel, etc., mainly with flush tubes and no wire filling. It can realize orbital TIG tube/sheet welding to achieve ideal welding results with high reproducibility. It can be used with Tube Master200, iOrbital4000, iOrbital5000 program-controlled welding power sources, mainly used in chemical, food, medicine, various heat exchangers, power plants, military and nuclear power industries.

Our Product Introduction

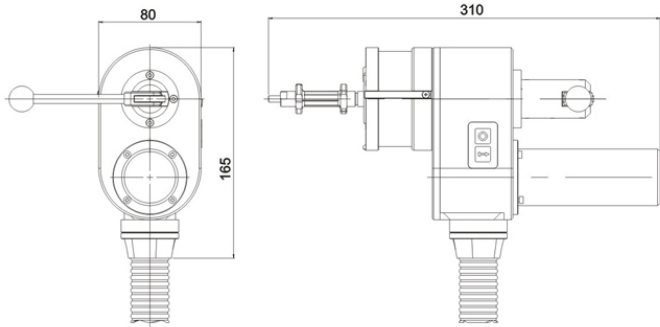


Performance

Suitable for welding of stainless steel and titanium alloy tube sheets in power stations and condensers;
Self-dissolving without wire feeding,small size,light weight,easy to operate;
Expansion core positioning,the welding head is designed to be attached to the workpiece,accurate positioning,safe and reliable,convenient and fast;
Closed welding to ensure high quality welds;
No winding,water and electricity design,enhanced water cooling system,high temporary cut-off rate,long continuous working time.

Technical parameter

Rotation speed(rpm)	0.6 12
Welding angle	0°, 7° optional (Standard7°)
Protective gas	Argon
Cooling method	Water cooling
Cooling flow(ml/min)	≥300
Rated current	100A duty cycle 60%
Weight(kg)	3.65(without cable)
Dimension(mm)	310×80×165



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