

Orbital Welding technique @AFAQ



تحضير، تعبئة و تغليف، حلول هندسية
Process, Packaging, Engineering



AFAQ is using new technique for welding process by using certified orbital machine, and inspection camera to meet delicate hygienic requirements for his customer.

Orbital Welding features:

- **Increased productivity:**

orbital welding equipment guarantees that approved weld sequences are reliably repeated, hence time-consuming repair work will be reduced to a minimum.



- **Quality Control:**

Modern orbital welding equipment is designed for real-time monitoring of the affecting weld parameters a complete weld protocol can be generated and stored or printed out.



- **Consistent excellent weld quality:**

the weld quality obtained orbital is superior to that of manual welding. Once an adequate weld program has been developed, the weld cycle can be repeated as often as necessary, without deviations and virtually without weld defects



- **Effective SIP/CIP process:**

Most hygienic piping systems are designed to be cleaned or sterilized in-place (CIP/SIP) without being disassembled. For CIP to be effective, the inner surface of the piping, including the welds, must be smooth and free of crevices and cracks that could entrap product and provide a colonization site for bacteria. Without the orbital welding of the various fitting, piping runs, valve assemblies, and similar joints, CIP would not be practical.



Application:

- Pharmaceutical and Biotechnology industries
- Food and beverage industries



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AFAQ	
Model	AXXAIR
Power	3000 W
Voltage	230 V
Frequency	50 Hz
Weight	2.25 kg
Dimensions	400 x 300 x 300 mm
Material	Stainless Steel
Warranty	2 Years
Country of Origin	Syria
Manufacturer	AFAQ Engineering
Model	AXXAIR
Serial Number	AXXAIR001
Welding Parameters	Temperature: 1500°C, Speed: 10 mm/min, Argon Flow: 5 L/min
Inspection Results	Visual: Pass, X-ray: Pass, Hydro: Pass
Final Status	PASSÉ / PASS
Date	21/01/2019
Inspector	[Signature]
Revision	20/01/2020