

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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Appareil contrôlé / Controlled device		AXXAIR		
Type de produit / Type of product:	Générateur/Power source	Température ambiante / Ambient temperature:	20 °C / 68 °F	
Modèle / Model:	SAXX-200	Tension d'alimentation / Power supply voltage:	230 V	
Marque / Brand:	AXXAIR	Numéro de série / Serial number:	AIGC1903016	
Version de logiciel / Software version:	2.23			
Plage de courant / Current range:		Tension à vide / Load voltage:		
3 - 200 A		76V		
Instrument de mesure / Measuring tool:		Numéro de série / Serial number:	Compteur N° / Report N°:	
Charge: 1000W 200V 100%		SAXX-BANC N°001	N/A	
Réception: 1000W 200V 100%		ID 1012055	12/08/2018	
Appareil de mesure / Measuring tool:		SAXX-BANC N°001	ID 1012055	
Appareil de mesure / Measuring tool:		SAXX-BANC N°001	ID 1012055	
Classe de validation / Validation class:		STANDARD	Type de validation / Validation type:	
			PRECISION	
N° Mesure / Measurement N°	Valeur de consigne / Setpoint value	Moyenne Mesure / Average Measurement	Moyenne Afficheur / Average Display	Résultat / Result
Mes. 1a	11A	11A	11A	PASSÉ / PASS
Mes. 2a	5.2	5.2	5.2	PASSÉ / PASS
Mes. 3a	13.7	13.7	13.7	PASSÉ / PASS
Mes. 4a	102.3	102.3	102.3	PASSÉ / PASS
Mes. 5a	151.2	150.9	151	PASSÉ / PASS
Mes. 1b	200	200.7	200.5	PASSÉ / PASS
Mes. 2b	200	200.5	200	PASSÉ / PASS
Mes. 3b	131.2	130.8	131	PASSÉ / PASS
Mes. 4b	102.3	102.3	102.4	PASSÉ / PASS
Mes. 5b	151.7	151.7	151.5	PASSÉ / PASS
Mes. 1c	5	4.7	11.7	5
Classe de validation / Validation class (EN 50524)				
Type de validation / Validation type:		PRECISION		
Date de validation / Validation date:		21/03/2019		
Date d'impression de validation / Validation print date:		20/03/2020		