

Other accessories for orbital welding

ORBIPURGE forming set

Complete with Teflon gas hose and rapid-action couplings. The ORBIPURGE forming set for tube internal diameters 12 - 110 mm (0.472" - 4.331") includes all accessories for fast and efficient internal forming during orbital welding.

Forming plugs for larger diameters are separately available.

- Suitable for all common materials
- The various stoppers match the internal diameter of the tube exactly and therefore from a continuous sealing
- The complete set is supplied in a durable plastic carrying case
- The scope of delivery includes 2 forming plugs in each size, a Teflon gas hose, and a set of rapid-action couplings
- Particularly suitable where there are very high demands for purity in the forming atmosphere and is an ideal addition to our residual oxygen meter ORBmax (see page 83)
- The included rapid-action couplings allow a simple connection and separation of the gas hose

Inert gas outlets for ORBIPURGE forming plugs:

Suitable for all ORBIPURGE forming plugs.



ORBIPURGE forming set



Inert gas outlets



Earth cable



Hose package extensions

ARTICLE	CODE	KG
ORBIPURGE forming set	881 000 001	3.150
Inert gas outlet for ORBIPURGE 3/8"	881 020 014	0.030
Inert gas outlet for ORBIPURGE M5	881 020 015	0.005
Forming plugs, set for ID 114 - 130 mm (4.488" - 5.118"), 3/8"	881 050 030	0.020
Forming plugs, set for ID 121 - 142 mm (4.764" - 5.591"), 3/8"	881 050 031	0.020
Forming plugs, set for ID 148 - 162 mm (5.827" - 6.378"), 3/8"	881 050 032	0.020

Earth cable

For use in combination with an orbital welding power supply of the ORBIMAT series.

ARTICLE	LENGTH [M]	LENGTH [FT]	CODE	KG
Earth cable for ORBIMAT 165/180/300 welding power supplies	5.0	16.4	811 050 005	2.400
Earth cable for ORBIMAT 300 CA AVC/OSC welding power supplies	5.0	16.4	812 050 046	2.850

Hose package extensions

Suitable for all Orbitalum orbital weld heads, with the exception of the ORBIWELD TP AVC/OSC heads.

Other lengths on request.

ARTICLE	LENGTH [M]	LENGTH [FT]	CODE	KG
Hose package extension 5 m (16 ft)	5	16	871 050 011	7.600
Hose package extension 10 m (32 ft)	10	32	871 050 012	14.600
Hose package extension 15 m (49 ft)	15	49	871 050 013	22.000
Hose package extension 20 m (64 ft)	20	64	871 050 016	28.700

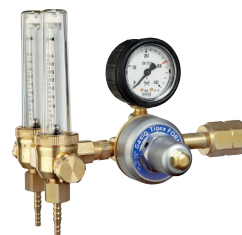
OTHER ACCESSORIES FOR ORBITAL WELDING

Pressure regulator

With 2 adjustable flow displays and option to connect welding and forming gas.

TECHNICAL DATA	ARGON/HYDROGEN	ARGON
Inlet pressure (max.)	200 bar	230 bar
Flow indicator	up to 50 L/min.	up to 30 L/min.
Gas cylinder connection	W21.8x1/14" LH	W21.8x1/14"
Hose connection	G 3/8 LH	G 1/4

ARTICLE	VERSION	CODE	KG
Pressure regulator	Argon	888 000 001	1.850
Pressure regulator	Argon/Hydrogen	888 000 002	1.870
Spare seals for pressure regulator		888 000 005	0.002



Pressure regulator

Bar pressure regulator "Argon"

For HX 16P, see page 52.



Bar pressure regulator "Argon"

WS2 tungsten electrodes

WS electrodes are used for DC and AC welding and are a completely satisfactory replacement for the WT electrodes.

Benefits:

- High ignition safety
- Low combustion
- Long service life
- High arc quality

Content: 10 pieces

Length: 175 mm (6.890")

Composition: WS2 = Rare earths (mixed oxides)

Color code: Turquoise



WS2 tungsten electrodes

ARTICLE	ELECTRODE Ø [MM]	ELECTRODE Ø [INCH]	CODE	KG
WS2 tungsten electrodes	1.0	0.039	826 004 018	0.006
WS2 tungsten electrodes	1.6	0.063	826 004 019	0.010
WS2 tungsten electrodes	2.4	0.094	826 004 020	0.018

Power connector adapter set

Easy to use, safe, robust and durable.

For use with older Orbitalum welding power supplies and weld heads with green "Superior" connectors. Newer models are already equipped with the DINSE compatible connectors.



Power connector adapter set

ARTIKEL	CODE	KG
Power connector adapter set for socket & plug	850 030 004	
Power connector adapter for plug	850 030 002	
Power connector adapter for socket	850 030 003	

OTHER ACCESSORIES FOR ORBITAL WELDING



TIG manual welding torch for ORBIMAT

TIG manual welding torch for ORBIMAT

The TIG manual welding torch for ORBIMAT orbital welding power supplies is a high productive welding torch for tacking and manual welding. The liquid-cooled hand torch allows an ideal heat conduction and a long operating life. The compact design, the flexible hose package and the integrated operation control results in a high user-friendliness.

A durable storage and shipping case and a consumable spares kit are included.

Features:

- Liquid-cooled DC 250 A, AC 200 A
- Superflex hose package
- Flexible torch body
- Ergonomic handle

Scope of delivery:

- 1 TIG manual welding torch
- 1 Durable storage and shipping case
- Torch consumable spares kit

The following accessory is essentially required for operating the TIG manual welding torch and must be ordered separately:


- Earth cable, see page 86


ARTICLE	HOSE PACKAGE LENGTH [M]	HOSE PACKAGE LENGTH [FT]	CODE	WEIGHT OF MACHINE KG	DISPATCH WEIGHT KG
TIG manual welding torch for ORBIMAT	4.0	13.0	890 013 010	2.425	6.405

OTHER ACCESSORIES FOR ORBITAL WELDING

Torch and cold wire consumables

ACCESSORIES	CLAMP SLEEVES FOR ELECTRODES			CLAMP SLEEVES FOR PLUNGER			TORCH ISOLATORS		
Picture									
APPLICABLE WITH:	CODE	KG		CODE	KG		CODE	KG	
TP 250	811 020 018		0.001				811 013 001		0.001
TP 400 KD4-100	812 020 024		0.002						
TP 400 KD3-62 (AVC/OSC)				812 005 002		0.003	812 005 001		0.002
TP 600 (AVC/OSC)	812 020 024		0.002						
TP 1000 (AVC/OSC)									
P16				-		-	831 001 007		0.005
P16 AVC	831 001 058		0.010						
TIG manual welding torch	812 020 024		0.002	812 020 059		0.005	812 020 060		0.002
DVR welding turntables (Standard)	890 020 039		0.005	890 020 046		0.009	890 020 041		0.002
DVR welding turntables (Jumbo)	-		-	-		-	812 020 065		0.012

ACCESSORIES	WIRE CORES							
Picture								
Version	TP wire cores 0.8 mm (0.031")		TP wire cores 1.0 mm / 1.2 mm (0.039" / 0.047")		Front wire cores (long) 0.8 mm (0.031")		Rear wire cores (short) 0.8 mm (0.031")	
APPLICABLE WITH:	CODE	KG	CODE	KG	CODE	KG	CODE	KG
TP 250	811 020 030	0.074	811 002 006					
TP 400 KD4-100								
TP 400 KD3-62 (AVC/OSC)	812 020 041	0.009	811 002 005	0.009	-	-	-	-
TP 600 (AVC/OSC)								
TP 1000 (AVC/OSC)								
P16					831 001 022	0.005	831 001 015	0.005
P16 AVC	-	-	-	-				
TIG manual welding torch					-	-	-	-
DVR welding turntables	890 020 055	0.020	890 020 056	0.020	-	-	-	-

ACCESSORIES	HF SPIRALS		TORCH SEAL		GAS NOZZLES		GAS LENSES	
Picture								
APPLICABLE WITH:	CODE	KG	CODE	KG	CODE	KG	CODE	KG
TP 250	831 001 027	0.003	811 005 020	0.003	811 020 017	0.004	811 020 016	0.004
TP 400 KD4-100	811 050 011	0.002						
TP 400 KD3-62 (AVC/OSC)								
TP 600 (AVC/OSC)	831 001 027	0.003	-	-	812 020 023	0.010	812 020 022	0.010
TP 1000 (AVC/OSC)								
P16					831 001 060	0.020	831 001 161	0.009
P16 AVC	811 050 011	0.002						
TIG manual welding torch	-	-			812 020 023	0.010	812 020 022	0.010
DVR welding turntables (Standard)	-	-	-	-	812 020 023	0.010	812 020 022	0.010
DVR welding turntables (Jumbo)	-	-	-	-	812 020 064	0.039	812 020 063	0.048

OTHER ACCESSORIES FOR ORBITAL WELDING

