

TitanTig 320,400,500 DC Pulse

Finest DC Tig for industrial application



Valued Features

- **Pre/Post Flow**
Selectable Pre/Post Slope Time.
- **Up/Down Slope**
Selectable Up/Down Slope Time.
- **Multiple Mode**
MMA/LIFT TIG/HF TIG.
- **Pulse**
High performance on ultra thin surfaces with no deformation.
- **Protections**
Equipped with temperature, voltage and current sensors for high protection.
- **Heavy duty**
High duty cycle for industrial applications.
- **Accessories**
Optional trolley and water cooling unit Parameters

Specifications

Model	TitanTig320 DC Pulse	TitanTig400 DC Pulse	TitanTig500 DC Pulse
Input Voltage	1Phase~AC 230 (±15%) /50-60Hz		
Main Fuse(A)	40	45	
Rated KVA	9.2(TIG) / 13.3(MMA)	13.2(TIG) / 18.2(MMA)	19(TIG) / 25.3(MMA)
Rated Output KVA	7.3(TIG) / 10.5(MMA)	10.4(TIG) / 14.4(MMA)	15(TIG) / 20(MMA)
No-load Voltage (V)	68	68	68
Welding Current Range(A)	10~320	10~400	10~500
Up Slope/Down Slope Time(S)	0~ 10	0~ 10	0~ 10
Pre/Post Flow(S)	0~2/ 0~ 10	0~2/ 0~ 10	0~2/ 0~ 10
Pulse Fre .(HZ)	0.5~999	0.5~999	0.5~999
Pulse width range(%)	5~95	5~95	5~95
Duty Cycle I _{max} (40°C)	40%	40%	40%
Dutycycle 100%(40°C)	202A	253A	316A
Duty cycle 60%(40°C)	261A	327A	408A
Efficiency(%)	85	85	85
Power Factor	0.93	0.93	0.93
Protection Class	H	H	H
Insulation Class	IP23	IP23	IP23
Dimensions (L*W*H)	700*320*510	700*320*510	700*320*510
Weight (Kg)	32.84	33.4	34

Ordering Information

Standard fittings (TitanTig 320DC Pulse)

Headux Code

4M WP26 TIG TORCH(without current regulation)	A13301-048
3m 35mm ² Earth lead(300A Earth clamp)	A80403-012
3M Gas hose	A80407-005

Standard fittings (TitanTig 400/500 DC Pulse)

Headux Code

5m WP18 Water cooled torch(without current regulation)	A13301-050
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
3M Gas hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

Water cooler unit	A91001-312
8M WP26 TIG TORCH(without current regulation)	A13301-025
5m WP18 Water cooled torch(without current regulation)	A13301-050
3m 50mm ² welding lead (200A Electrode Holder)- (TitanTig 320 DC Pulse)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanTig 400/500 Pulse)	A80404-025
HMT300 Trolley	A93018-100