



## UNIVERSE TIG / MMA WELDING MACHINE AZA1235

The AZA LAB TIG Welding Machine – Model AZA1235 (GTA-300) is a high-performance, industrial-grade welding system engineered for precision welding, operational reliability, and energy efficiency. Designed to meet demanding fabrication and manufacturing requirements, it delivers stable arc performance, precise current control, and consistent weld quality across a wide range of materials.

Operating on a 3-phase 415V supply, the AZA1235 is ideally suited for fabrication shops, heavy engineering units, maintenance facilities, and industrial production environments requiring dependable TIG and MMA welding capabilities.



### Applications

- Precision TIG welding (stainless steel, mild steel, alloys)
- Industrial fabrication & manufacturing
- Maintenance and repair workshops
- Automotive and engineering industries
- Structural and general-purpose MMA welding



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**TECHNICAL SPECIFICATIONS**

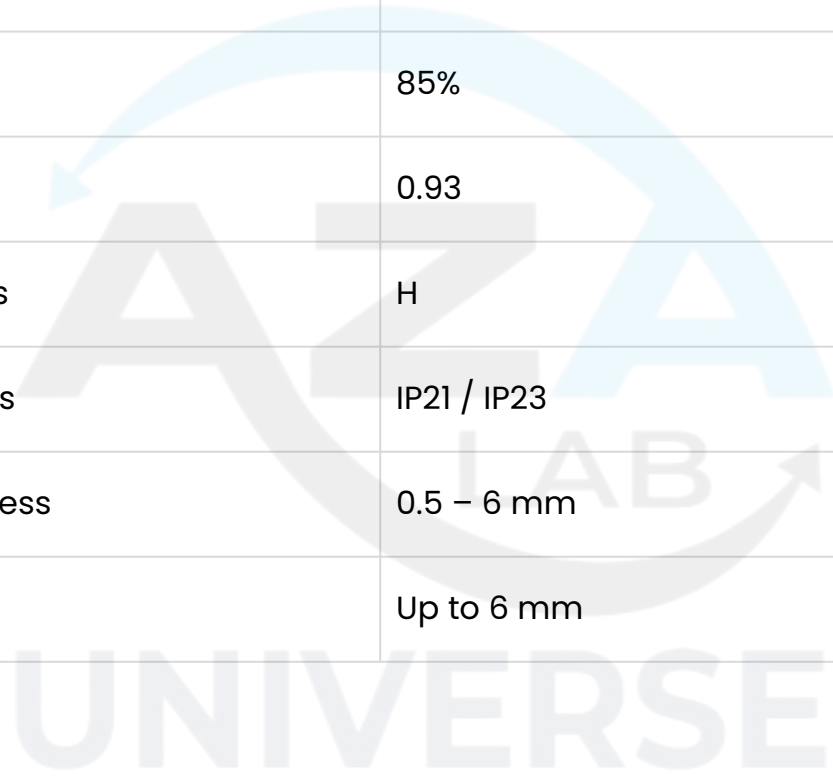
<b>Parameter</b>	<b>Details</b>
Model	AZA1235
Machine Type	TIG / MMA (GTA-300)
Input Voltage	3 Phase, 415 V $\pm$ 10%
Frequency	50 / 60 Hz
Rated Input Power	10 kVA
No-Load Voltage	80 V
Output Current Range	0 – 300 A
Rated Output Voltage	22 V
Duty Cycle @ 35%	300 A
Duty Cycle @ 60%	250 A



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<b>Parameter</b>	<b>Details</b>
Duty Cycle @ 100%	210 A
MMA Current Range	0 – 300 A
No-Load Consumption	60 W
Efficiency	85%
Power Factor	0.93
Insulation Class	H
Protection Class	IP21 / IP23
Welding Thickness	0.5 – 6 mm
Electrode Size	Up to 6 mm





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<b>Parameter</b>	<b>Details</b>
Electrode Size	Up to 6 mm
Dimensions (L × W × H)	480 × 205 × 355 mm
Weight (Approx.)	17 kg
Certifications	STQC, CE, ISO, EN

