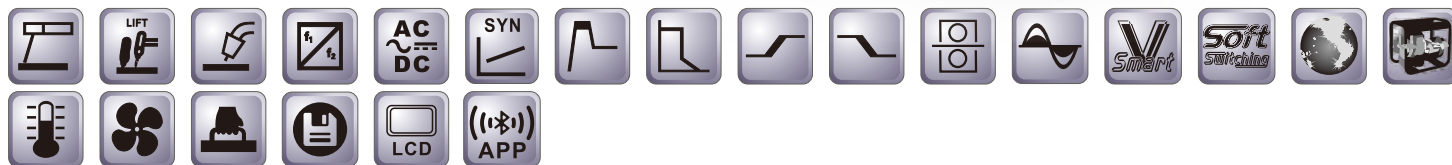




MAGIC AC/DC GMIG-220C

Functions&Features

- **True Multi-process (4 in 1):** AC/DC MMA; LIFT AC/DC TIG; HF AC/DC TIG; MIG in One Model
- **PFC technology:** Single phase input from 95V to 275V, Power factor=0.99 for energy save
- **Memory function:** 9 channels for recording
- **5.0 inch LCD screen:** Variety of parameter shown simultaneously
- **Wireless connection:** Remote control by APP on smart-phone/tablet, Future design for upload/download data to Cloud, Easy for after sale service.
- **OLED MIG torch for remote control is optional**
- **Spool Gun optional**
- **MCU:** Digital control
- **Soft Switching:** low consumption, increase IGBT age
- **Max 15~20kg Spool**



Parameters

MODEL	MAGIC AC/DC GMIG-220C									
Power Supply Voltage(v)	1~100/110/120/127±10%					1~200/220/230/240±10%				
Frequency(Hz)	50/60Hz									
Function	MIG	TIG		MMA		MIG	TIG		MMA	
	DC	AC	DC	AC	DC	DC	AC	DC	AC	DC
Rated input power(KW)	4.2	3.2	3.2	3.5	3.8	6.8	5.1	5.8	6.9	7.0
Rated input Current(A)	33.0	27.0	20.0	29.3	29.3	31.0	20.0	24.0	28.0	31.4
Effective Current(A)	18.0	17.0	10.0	19.6	19.6	15.5	10.0	12.0	14.0	15.7
Duty Cycle(40°C 10min)	30%140A	30%140A	30%140A	30%110A	30%110A	25%220A	25%200A	25%220A	30%200A	30%200A
	60%100A	60%110A	60%110A	60%80A	60%80A	60%180A	60%150A	60%180A	60%170A	60%145A
	100%80A	100%90A	100%90A	100%60A	100%60A	100%160A	100%125A	100%160A	100%145A	100%125A
No Load Voltage(V)	45(Controlled)									
Welding Current Range(A)	30~140	15~140	10~140	15~140	10~140	30~220	15~200	10~220	15~200	10~200
Up/Down Slope Time(S)	0.1-10									
Clearance Effect(AC TIG)(%)	15-50									
Pulse Width Range(%)	5-100									
Pulse Frequency(Hz)	0.5-200									
AC Frequency(Hz)	25-200									
Power Factor	0.99									
Wire Diameter(mm)	Fe:0.6/0.8/0.9/1.0 Ss:0.8/1.0 Al:0.9/1.0 Flux:0.9(self-shield)/1.0/1.2									
Net Weight(Kg)	29.8									
Dimensions(mm)	660×275×500									
Protection Class	IP23									
Insulation Class	F									
Cooling	AF									