

# INVERTER DC TIG/ARC WELDING MACHINE

## TIGWEL-K300HD



### FEATURES AND BENEFITS »

- High durability and stability by patented transformer
- Non contact arc start (HF start)
- Crater ON/OFF, MMA Function
- Down slope still on during Crater OFF

### PROCESSES »

- Inverter DC TIG/STICK

### STANDARD EQUIPMENTS »

- 1 Main Power source (300A)
- 1 Torch-350A\*4M (Air cooled)
- 1 Earth-35SQ\*3M, Jaw clamp
- 1 Regulator - Argon
- 1 Gas hose-3M
- 1 Remote controller 10M (Option)

## TECHNICAL SPECIFICATIONS

### MODEL : TIGWEL-K300HD

|                             |     |   |        |                         |        |
|-----------------------------|-----|---|--------|-------------------------|--------|
| <b>Input voltage</b>        | V   | 220, 1/3                                      |        | 220/380, 1/3 Selectable |        |
| <b>Process</b>              | —   | TIG   | STICK  | TIG                     | STICK  |
| <b>Input capacity</b>       | KVA | 8.5   | 6.5    | 8                       | 6      |
| <b>Open circuit voltage</b> | V   | 78.5  |        | 67@380 Input            |        |
| <b>Output current</b>       | A   | 10~300  | 20~200 | 10~300                  | 20~200 |
| <b>Output voltage</b>       | V   | 21  | 27     | 21                      | 27     |
| <b>Crater current</b>       | A   | 10~50 Automatic change by welding current sec |        |                         |        |
| <b>Pulse current</b>        | A   | 0~120 Automatic change by welding current %   |        |                         |        |
| <b>Pulse frequency</b>      | Hz  | 0.5~500                                       |        |                         |        |
| <b>Post flow time</b>       | sec | 0.5~6   |        |                         |        |
| <b>Down slope time</b>      | sec | 0.5~6   |        |                         |        |
| <b>Duty cycle</b>           | %   | 50  |        |                         |        |
| <b>Weight</b>               | kg  | 22  |        | 24                      |        |
| <b>Dimension (W×D×H)</b>    | mm  | 290*490*435                                   |        |                         |        |