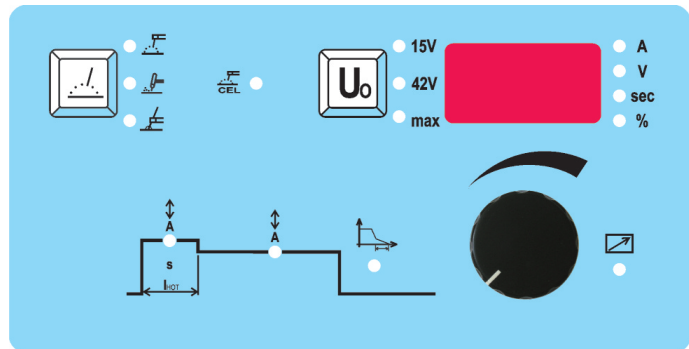


# Delta Digital 400V

TIG - Lift arc

MMA

**UPGRADE** able



## Processes

- MMA welding
- TIG-DC (Liftarc)
- CAG

## Standard equipment

- Liftarc ignition
- Arc force - adjustable
- Hot-Start - adjustable
- Anti-Stick function
- Adjustable no load voltage
- S-mark, CE-mark
- Thermal protection
- Generator-compatible
- Remote control connection
- Safe in up-down welding
- UPGRADE able

## Recommended areas of use

- Plant construction
- Steel constructions
- Service and repairs
- Machine construction
- Pipelines construction

## Recommended base metals

- Structural steels
- CrNi- steels
- Duplex-steels

## Options

- Remote control
- Foot remote control
- Accessories-Set (welding cable set)

### Profesional 400V MMA welding inverter

- **Welding with basic, rutile and CEL electrodes**
- **Safe in up-down welding**
- **Adjustable no load voltage from 15 V**
- **Only 14 Kg with robust metal case**
- **Generator compatible**

#### Technical data

EN 60974

	2500	3000	4000	5000
<b>Supply voltage</b>	3x400V, 50/60Hz	3x400V, 50/60Hz	3x400V, 50/60Hz	3x400V, 50/60Hz
<b>Fusing (slow fuse)</b>	16A	16A	25A	25A
<b>Main cable</b>	4x2,5qmm	4x2,5qmm	4x4qmm	4x4qmm
<b>Main cable Lenght</b>	5m	5m	5m	5m
<b>Welding current range (A)</b>	4 - 250A	4- 300A	4 - 400A	4 - 500A
<b>Welding voltage range (V)</b>	20,2 - 30V	20,2 - 32V	20,2 - 36V	20,2 - 40V
<b>Number of steps</b>	Stepless	Stepless	Stepless	Stepless
<b>Max. input power (kVA)</b>	11,8kVA	15kVA	22,6kVA	30,5kVA
<b>No load voltage U<sub>o</sub> (V)</b>	95V	95V	95V	95V
<b>Peak input current</b>	17,5A	22A	32A	44A
<b>Effective input current</b>	13,5A	16A	25A	34A
<b>Dutycycle at max. current @40°C</b>				
<b>Current/voltage at 60%DC @40°C</b>	250A / 30V	300A / 32V	400A / 36V	500A / 40V
<b>Current/voltage at 100%DC @40°C</b>	190A / 27,6V	230A / 29,2V	300A / 32V	380A / 35,2V
<b>Welding current range (A)</b>	4 - 250A	4 - 300A		4 - 500A
<b>Welding voltage range (V)</b>	10,2 - 20V	10,2 - 22V	10,2 - 26V	10,2 - 30V
<b>Number of steps</b>	Stepless	Stepless	Stepless	Stepless
<b>Max. input power (kVA)</b>	7,9kVA	10,4kVA	16,4kVA	23kVA
<b>No load voltage U<sub>o</sub> (V)</b>	95V	95V	95V	95V
<b>Peak input current</b>	11,4A	15A	23,5A	33,5A
<b>Effective input current</b>	8,8A	11,6A	18,2A	26A
<b>Dutycycle at max. current @40°C</b>				
<b>Current/voltage at 60%DC @40°C</b>	250A / 20V	300A / 22V	400A / 26V	500A / 30V
<b>Current/voltage at 100%DC @40°C</b>	190A / 17,6V	230A / 19,2V	300A / 22V	380A / 25,2V
<b>Recommended generator power</b>	17,6kVA	22,1kVA	32,1kVA	44,2kVA
<b>Dimensions (HxWxL)</b>	247x180x400mm	247x180x400mm	500x220x365mm	500x220x365mm
<b>Weight</b>	14kg	14kg	24kg	24kg
<b>Protection class</b>	IP23	IP23	IP23	IP23
<b>Marks of conformity</b>	CE	CE	CE	CE
<b>Safety class</b>	S	S	S	S