

# HANDYTIG SERIES



## Process table

TIG				
Electrode				

standard for all models  
  standard for certain models  
  optionally available

## Operation concepts

	
<b>HandyTIG DC</b> <ul style="list-style-type: none"> <li>■ "3 steps to weld" operating concept</li> <li>■ easy current setting - also possible on the torch (UpDown)</li> <li>■ 7 segment display, exact to the amp</li> <li>■ Switch 2-stroke/4-stroke including high-frequency ignition</li> <li>■ comes standard with remote control connection</li> <li>■ Job memory for 2 TIG and 2 electrode welding tasks</li> </ul>	<b>HandyTIG AC/DC</b> <ul style="list-style-type: none"> <li>■ "3 steps to weld" operating concept</li> <li>■ easy current setting - also possible on the torch (UpDown)</li> <li>■ 7 segment display, exact to the amp</li> <li>■ Switch 2-stroke/4-stroke including high-frequency ignition</li> <li>■ comes standard with remote control connection</li> <li>■ Job memory for 2 TIG and 2 electrode welding tasks</li> <li>■ Possibility for connection of Lorch Powermaster remote control torch</li> </ul>

# TECHNICAL DATA



HandyTIG 180



HandyTIG 200

TIG		
- welding range (in Amps)	3-180	3-200
- current setting	infinitely variable	infinitely variable
Electrode		
- welding range (in Amps)	5-150	10-170
- weldable electrodes (mm)	1,5-4,0	1,5-4,0
Duty cycle TIG DC		
- duty cycle 100% (in Amps) - DC	130	160
- duty cycle 60% (in Amps) - DC	150	180
- duty cycle at max. current (in %) - DC	30%	45%
Duty cycle TIG AC (only AC systems)		
- duty cycle 100% (in Amps) - AC	130	160
- duty cycle 60% (in Amps) - AC	150	180
- duty cycle at max. current (in %) - AC	35%	45%
Mains		
- mains voltage (in V)	230	230
- phases (50/60 Hz)	1~	1~
- positive mains tolerance (in %)	15%	15%
- negative mains tolerance (in %)	25%	25%
- mains fuse (in Amps)	16	16
- mains plug	Schuko	Schuko
Dimensions and weights		
- dimensions (LxWxH) (in mm)	337x130x211 / 480x185x326	480x185x326
- weight (in kg)	6,5/13,3	13,4
Standards and approvals		
- standard	EN 60974-01	EN 60974-01
- protection class (EN 60529)	IP23S	IP23S
- insulation class	F	F
- designation	CE, S	CE, S

## Versions

			
<b>Solo machine</b>	<b>TIG assembly pack</b>	<b>Solo system</b>	<b>TIG assembly pack</b>
Compact, light, portable system, carrying strap included in the scope of delivery	System in assembly case with complete accessories for electrode and TIG welding	Compact, light, portable system, gas hose, and carrying strap included in the scope of delivery	System in trolley assembly case with complete accessories for electrode and TIG welding