T SERIES

Process table

TIG	HF, AC, PULS, MACS, CWF
Electrode	HOT, ANTI STICK, ARC, VRD

■ standard for all models ◪ standard for certain models □ optionally available

Operation concepts

	
BasicPlus	**ControlPro**
■ "3 steps to weld" operating concept ■ digital ampere display ■ Remote control connection ■ infinitely variable current setting ■ user-oriented guidance using illuminated symbols and welding sequence control ■ Pulse function	■ "3 steps to weld" operating concept ■ digital volt-ampere display ■ Remote control connection ■ infinitely variable current setting ■ user-oriented guidance using illuminated symbols and detailed welding sequence control ■ Pulse function ■ Tiptronic job memory for 100 welding tasks

LORCH smart welding

TECHNICAL DATA

	 T 180	 T 220	 T 250	 T 300
TIG				
- welding range (in Amps)	3-180	3-220	5-250	5-300
- current setting	infinitely variable	infinitely variable	infinitely variable	infinitely variable
Duty cycle TIG DC				
- duty cycle 100% (in Amps) - DC	130	160	175	200
- duty cycle 60% (in Amps) - DC	150	180	200	250
- duty cycle at max. current (in %) - DC	35%	40%	35%	35%
Duty cycle TIG AC (only AC systems)				
- duty cycle 100% (in Amps) - AC	130	160	175	200
- duty cycle 60% (in Amps) - AC	150	180	200	220
- duty cycle at max. current (in %) - AC	35%	40%	35%	30%
Electrode				
- welding range (in Amps)	10-150	10-180	10-200	10-200
- weldable electrodes (mm)	1,5-4,0	1,5-4,0	1,5-5,0	1,5-5,0
Mains				
- mains voltage (in V)	230	230	400	400
- phases (50/60 Hz)	1~	1~	3~	3~
- positive mains tolerance (in %)	15%	15%	15%	15%
- negative mains tolerance (in %)	15%	15%	15%	15%
- mains fuse (in Amps)	16	16	16	16
- mains plug	Schuko	Schuko	CEE 16	CEE 16
Dimensions and weights				
- dimensions (LxWxH) (in mm)	483x185x325	483x185x325	483x185x325	483x185x325
- weight (in kg)	12.2/13.3	12.3/13.4	14,3/16,3	14,5/16,3
Standards and approvals				
- standard	EN 60974-01	EN 60974-01	EN 60974-01	EN 60974-01
- protection class (EN 60529)	IP23S	IP23S	IP23S	IP23S
- insulation class	F	F	F	F
- designation	CE, S	CE, S	CE, S	CE, S

Versions

			
DC system	**AC/DC system**	**DC system**	**AC/DC system**
Compact, light weight, portable system, additional carrying strap included in the scope of delivery	Compact, light weight, portable system, additional carrying strap included in the scope of delivery	Compact, light weight, portable system, additional carrying strap included in the scope of delivery	Compact, light weight, portable system, additional carrying strap included in the scope of delivery

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