

REHM – THE BENCHMARK FOR MODERN WELDING

THE REHM PRODUCT RANGE

- REHM MIG/MAG inert gas-welding equipment:
 - MEGA.PULS® FOCUS pulse welding equipment up to 530 A
 - SYNERGIC.PULS 230 to 430 A
 - MEGA.ARC² continuously adjustable up to 450 A
 - PANTHER 202 PULSE pulse welding equipment with 200 A
 - SYNERGIC.PRO² gas- and water-cooled up to 450 A
 - SYNERGIC.PRO² water cooled 500 A to 600 A
- REHM TIG inert gas welding equipment:
 - TIGER® digital 180 to 230 DC + AC/DC
 - TIGER® HIGH/ULTRA 180 to 230 DC + AC/DC
 - TIG.STAR 170 AC + AC/DC
 - INVERTIG.PRO® and INVERTIG.PRO® digital 240 A to 450 A
 - INVERTIG.PRO® COMPACT and INVERTIG.PRO® COMPACT digital 240 A to 450 A
- REHM hand-held arc welding equipment:
 - BOOSTER2 130 to 150, BOOSTER® 140, BOOSTER.PRO 210
 - BOOSTER.PRO 250 and 320
- Welding turntables
- REHM Plasma cutting systems
- Welding accessories and consumables
- Welding gas extraction
- Technical welding advice
- Torch repairs
- Service



REHM Uchingen



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PURE DIGITAL
TIG.STAR 170 DC & AC/DC



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The entry model into REHM TIG technology

Get started into the digital world of TIG welding with the REHM TIG.STAR and take advantage of this robust lightweight:

- Weight from 7.1 kg
- Falling height up to 90 cm, impact forces that are generated are absorbed in the best possible manner
- Protection of the electronics from dirt particles with a special air conducting system
- IP 23
- Up/Down control via torch
- Connection for foot remote control

And all of that – **Made in Germany by REHM.**

The TIG.STAR shows its complete potential, for example, when used in assembly or with frequently changing personnel, and is extremely strong with standard applications.

This is made possible by the developments that are installed – Made by REHM:

- Ignition management
- Automatic frequency adjustment
- Arc welding quality
- High-resolution graphic display
- Rapid memory keys

And is further supported by the user-friendly REHM design of the handle, the drawer for the wearing parts and the unique operating concept.

TECHNICAL DATA	TIG.STAR 170 DC AND AC/DC
Setting range TIG	4A -170A
Duty cycle 40°C TIG	35%
ED E-Hand	35%
Mains connection	1*230V
Mains frequency	50Hz/60Hz
Fuse	16A
Torch cooling	Gas
Protection type	IP 23S
Power factor	0,98
Power consumption at I _{max}	6,1 kVA
Insulation class	F
Control socket	19 pin
Welding cable socket	13 mm
Weight 170 DC	7.1 kg
Weight 170 AC/ DC	7.3 kg
Dimensions (L*W*H) mm	480x160x320
Item Number 170 DC	1503513
Item Number 170 AC/DC	1503523

RANGE OF FUNCTIONS	170 DC	170 AC/DC
Setting parameters		
Welding current 1	x	x
Welding current 2	x	x
Drop time	x	x
End-crater current	x	x
Gas post flow time	x	x
Operating modes		
2 cycle HF	x	x
4 cycle HF	x	x
2 cycle Lift-Arc	x	x
4 cycle Lift-Arc	x	x
Welding processes		
TIG DC	x	x
TIG AC		x
E-Hand Booster	x	x
E-Hand fuse hold	x	x

Everything under control



The handle offers optimum carrying comfort. Additionally, it is the solution for interference-free storage of hose pack and associated equipment, which ensures that the welders always have their second hand free.

Everything to hand



The drawer ensures that all wearing parts in the device are available. No need to have to go and fetch things that have been forgotten. That saves time and money.

Intuitive operating concept for optimised TIG welding

The user-friendliness of the welding equipment and the clear design of the display contribute significantly to efficiency when TIG welding. The REHM TIG.STAR fulfils these requirements through its intelligent and patented display design.

- The self-explanatory graphics show all settings at a glance. Interdependencies become transparent and understandable.
- Changes in the welding parameters are displayed graphically. Incorrect settings are detected immediately. Only that which is currently active is displayed.

Each job has one button

For quicker and easier storage and retrieval of the most important device settings.

Digital at a glance

Design by REHM – the high-resolution display with excellent graphic presentation. Protected by a shock-resistant plastic screen, the display is considerably more robust than conventional displays.

A button for everything

The R-Pilot rotary encoder, especially developed for tough applications, intercepts mechanical effects. The housing absorbs forces before they can damage the electronics.



TIG.STAR Set: Everything you need in one case!

- TIG.STAR Set complete in a plastic case with 4 m torch (without device) Torch R TIG 140 19 4 m UD HighFlex leather, grounding cable 25 mm², pressure reducer 200 bar, 32 l/min

Item No.: 1485443

- TIG.STAR Set complete in plastic case with 8 m torch (without device) torch R TIG 140 19 8 m UD HighFlex leather, grounding cable 25 mm², pressure reducer 200 bar, 32 l/min

Item No.: 1485444

