



## QINEO QuesT-552-DC Premium

**TIG DC welding power source up to 550 ampere for automated welding**

Start your next TIG mission with QINEO QuesT: The new high-tech welding power source solves highly demanding TIG welding tasks reliably and efficiently. The QINEO QuesT is characterised by precise ignition properties and optimal process functions. The stable and focussed arc which is easy to control over the entire power range guarantees excellent welding results. When TIG pulsing, you benefit from the high dynamics of the QINEO QuesT which enables fast current transitions even with large capacity differences – so you get perfect welds. The Deep Pulse function stabilises and focuses the arc so that the arc pressure is increased. This can result in both deep penetration for thick sheets and high speeds for thin sheets. A multitude of components, functions, interfaces and configuration possibilities make the QINEO QuesT Premium to be your individual power source for automated welding – exactly how you need it for your welding tasks. Use the advantages of the CLOOS robot interface (QTI) specially adapted to QINEO QuesT and benefit from the convenient, comprehensive parameter input via the teach pendant of the robot controller, reduced programming times and a perfect welding process. All common industrial interfaces for automation are also available.

- Excellent ignition properties even under difficult conditions
- Excellent control behaviour enables a stable arc over the entire setting range
- Optimum process functions for best welding results
- Fast transitions even with large capacity differences (TIG pulses)
- Deep-Pulse-Funktion produces a stabilised and focused arc for deep penetration or high welding speeds (Deep Pulse up to 20 kHz)
- Modular design and extensive accessories for individual adjustment of the QINEO QuesT to your needs
- Digital networking with all common industrial interfaces
- Optimal interface enables access to all setting options of the QINEO QuesT from the robot controller
- Programming via the robot controller accelerates and simplifies the integration of the QINEO QuesT into the program flow
- High-quality components and a robust design in proven CLOOS quality







## QINEO QuesT-552-DC Premium

### Technical Data

|                                 |                              |
|---------------------------------|------------------------------|
| Construction form               | External wire drive          |
| Welding current                 | 3 A - 550 A                  |
| Welding current 60% duty cycle  | 550 A                        |
| Welding current 100% duty cycle | 450 A                        |
| Open circuit voltage            | 76 V - 96 V                  |
| Mains voltage                   | 380 V - 480 V / 50 Hz / 3-ph |
| Connection cable                | 4 x 6 mm <sup>2</sup>        |
| Mains protection/400V           | 35 A                         |
| Type of protection              | IP 23                        |
| Insulation class                | F                            |
| Type of cooling                 | F                            |
| Dimensions L/W/H (without wire) | 700 x 340 x 255 mm           |
| Weight (without wire drive)     | 63 kg                        |

### Application

Auto

### Process

- TIG DC welding

### Questions about the product?

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Technical modifications reserved  
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**CLOOS**