



SecuTES* coupling:

Welding Gun Exchange in Seconds

SecuTES*

New Tool Exchange System for Welding Robots / Welding Guns:

- Secure and automated engaging and disengaging in seconds
- Intelligent monitoring systems for air, water + electricity
- Over 500 kg carrying capacity
- Individually configurable for almost all connection types



Welding Gun Exchange
in seconds:

SecuTES* coupling

Purpose-built for Automotive Engineering | Accelerated process times demand fast and reliable exchange processes between the welding robot and the welding gun. Developed especially for automotive engineering, SecuTES* combines reliable functionality with a high level of security and speed.

Main features | The exchange system is based on interlocking technology using ball-bearing systems. It is distinguished by the space-saving design of its broadly positioned tie rods. The arrangement of the tension cylinders ensures the absorption of high working loads while maintaining an extremely flat overall height. Air, water and electricity connections can be configured for almost any type of coupling. Client requirements can therefore be realized quickly and cost-effectively.

The exchange system is offered in two different sizes.
This system can be employed for loads of up to 550 kg.

Technical Data

Ultimate load:	up to 550 kg
Overall height:	60 mm
Dead weight:	approx. 30 kg
Min. air pressure:	6 bar
Media transfer: (standard)	4 x water 2 x air
Power sockets:	3 phase
Supply voltage:	690 V
Continuous test current:	200 A
Control interface:	1 x 27-pin or 2 x 27-pin

Design Properties

- Reliable thanks to robust design
- Low-weight, flat design
- Easy-to-Service quick exchange contacts
- Water valves designed for high flow rates
- Rotatable valves
- Flexibly mountable welding machine rack

Safety Mechanism of the Engaging and Disengaging Process

- Self-locking through pressure drop
- Signal transmission when locked
- IP 65 compatible



NIMAK GmbH
Werkstraße, D-57537 Wissen
Tel. (+49).2742.7079-0
Fax (+49).2742.7079-151
Web www.nimak.de
Mail info@nimak.de