



# Genius ACS



## PERFORMANCE

The Genius ACS AC control is designed for manual or automated systems and impresses with its maximum level of functionality. Extensive levels of monitoring and control functions enable an optimized and safe welding process.

## CHARACTERISTICS

- Individual equipment and a customizable range of functions
- 1- and 3-phase variants (GeniusACS1 and GeniusACS3).
- Compatible with all HWH power units
- 3 weld times (preheating, main current and postheating time)
- Optimal control of way, force, current, voltage and working stroke
- Constant current control
- Visualization of the last 10 measurements
- Operation via PC with the XPEgasus software  
... and much more

APPLICATION

- Spot welding
- Projection welding

BENEFITS

- Best welding quality thanks to fast and accurate controller
- Automatic controller calibration
- Fast integration
- Maximum security
- Optimal quality assurance
- Effective manufacturing processes
- Increasing competitive advantage
- Efficient data management and data backup

*Genius ACS* - the control for your AC welding process, individually adaptable to your welding tasks and systems.

TECHNICAL DATA

Features	Genius ACS SPOT	Genius ACS PRJ
Operating concepts	PC with XPEgasus operating software	
programs	512	256
Welding profile	3 Current times PrHT, MCT, PoHT	
Upslope	Yes	
Downslope	Yes	
Impulses	Yes	
I/O	EA = 24 V E/A und Feldbus	
Electrode management	Yes	
I proportional valve output 0-10 V	Yes	
I and 3 phase variants	Yes	
Visualization of the last IO measurement	Yes	
Constant current control KSR	Yes	
S-Inspector (way)	No	Yes
I-Inspector (current)	Yes	
H-Inspector (working stroke)	optional	Yes
U-Inspector (voltage)	Yes	optional
R-Inspector (resistance)	Yes	optional
F-Inspector (force)	Yes	
PQS (PQS-Ready)	optional	
BD - Component documentation	optional	
PDD - Process Data Documentation	optional	
TT - Trace Tag	optional	

