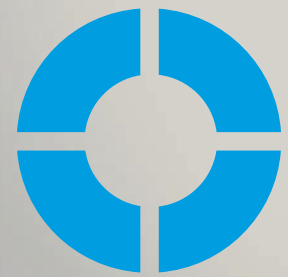




# SP SERIES

INFRARED WELDING TECHNOLOGY  
FOR PLASTIC PIPING SYSTEMS



**agru**

Worldwide Competence  
in Plastics

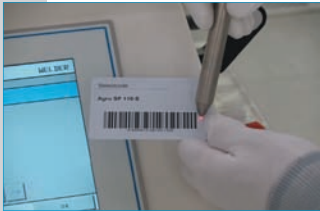


## STANDARD DESIGN

All SP series infrared welding equipment includes the following standard components:

- Thermoprinter
- Clamp inserts
- DATAWORK software for weld data management
- Data transfer cable with USB interface and USB data stick

Additional options include Nitrogen purge, welding program for PFA/MFA and special clamp inserts.



## SP 110-S

Unique infrared welding equipment for OD 20 (1/2") up to 110 mm (4")



# SP SERIES – INFRARED TECHNOLOGY

## Leading innovation for high purity systems

The new SP series corresponds to future installation requirements of critical media systems, especially applicable to the semiconductor, photovoltaic, (bio-) pharmaceutical and chemical industry.

## Unique automated welding technology

The SP series' fully automated welding process creates the smallest and highest quality welding beads on the market. The automation provides unmatched repeatability and reliability between welding operators.

The suspension grade PVDF material utilized by AGRU's Purad UHP piping system provides ten times higher internal creep behaviour than competitive emulsion grade PVDF-systems.



## Easy and accurate operation for the next generation



The fully automated welding process and accurate control of the process parameters guarantee short welding times and fast installation of piping systems

## SP 315-S

For large diameter systems from  
OD 110 (4") up to 315 mm (12")

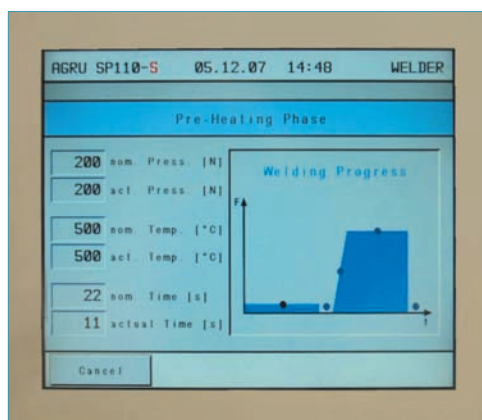
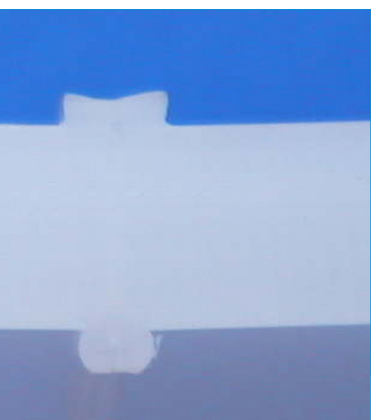


## INCREASED PROFITABILITY:

- Cost reduction due to shortest welding times
- Very small weld beads and highest repeatability of weld joint quality
- Fully automated welding process acc. to DVS 2207-6
- Electronic process control and data recording
- Integrated program for heating up components with low melt flow index
- Large touch panel with selectable languages: German, English, French, Italian, Spanish, Swedish, Chinese, Korean, Japanese, Russian...
- Variable adjustable planning depth
- Vertical and horizontal alignment adjustment
- Universal applicable (also for piping system components with short spigots)
- Capability to produce compact and dead-leg free pipe isometrics
- Equipment corresponds to DVS 2207-6 requirements
- Compact construction for the job site and workshop

# NOLOGY OF THE FUTURE

generation of infrared welding machines



„Welding technology at the highest level“

for piping systems made of PPH, PPR, PVDF, ECTFE, MFA, PFA



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