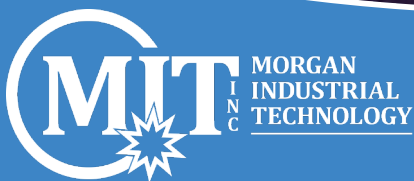
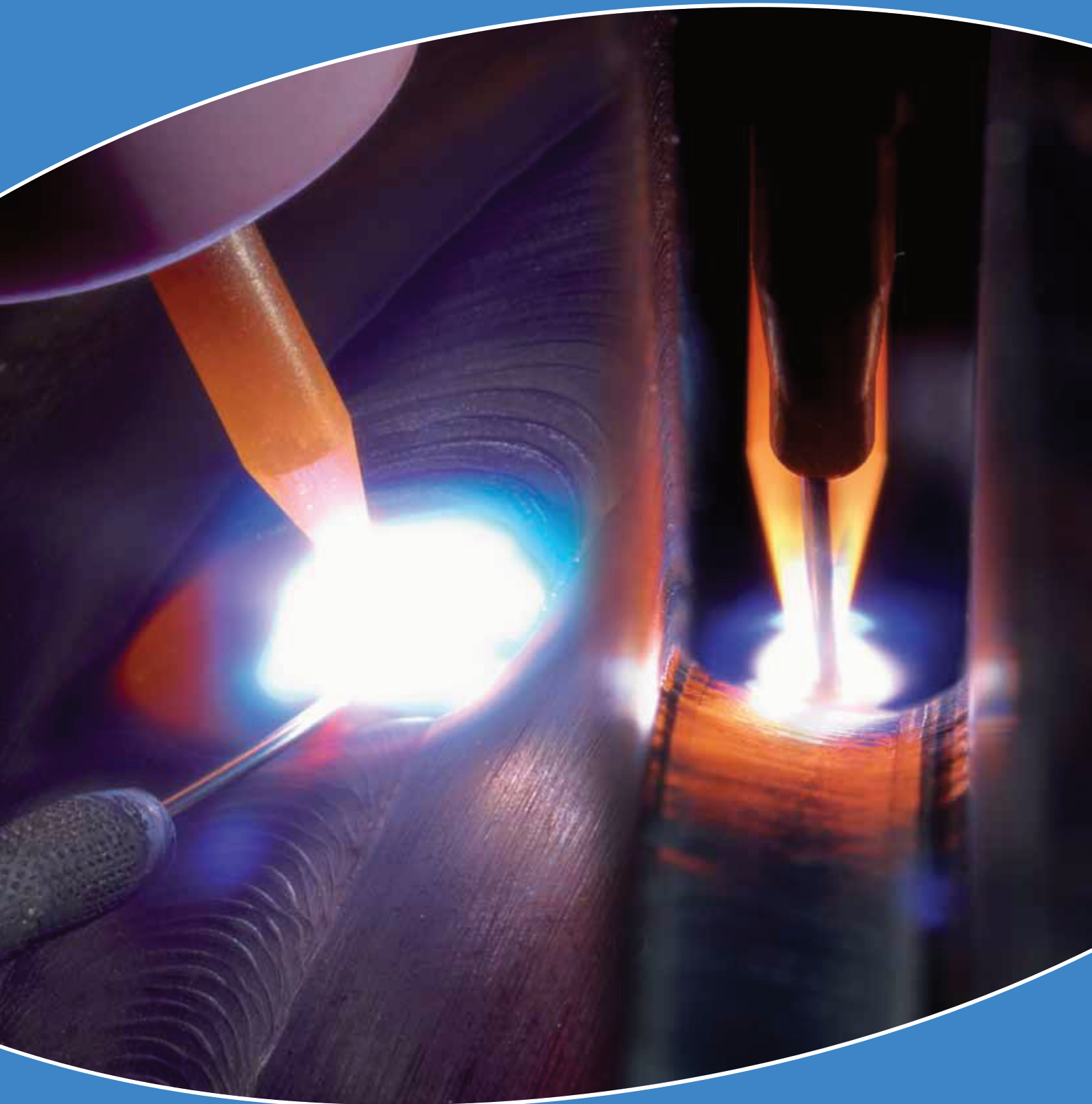




High Resolution video monitoring
and recording system

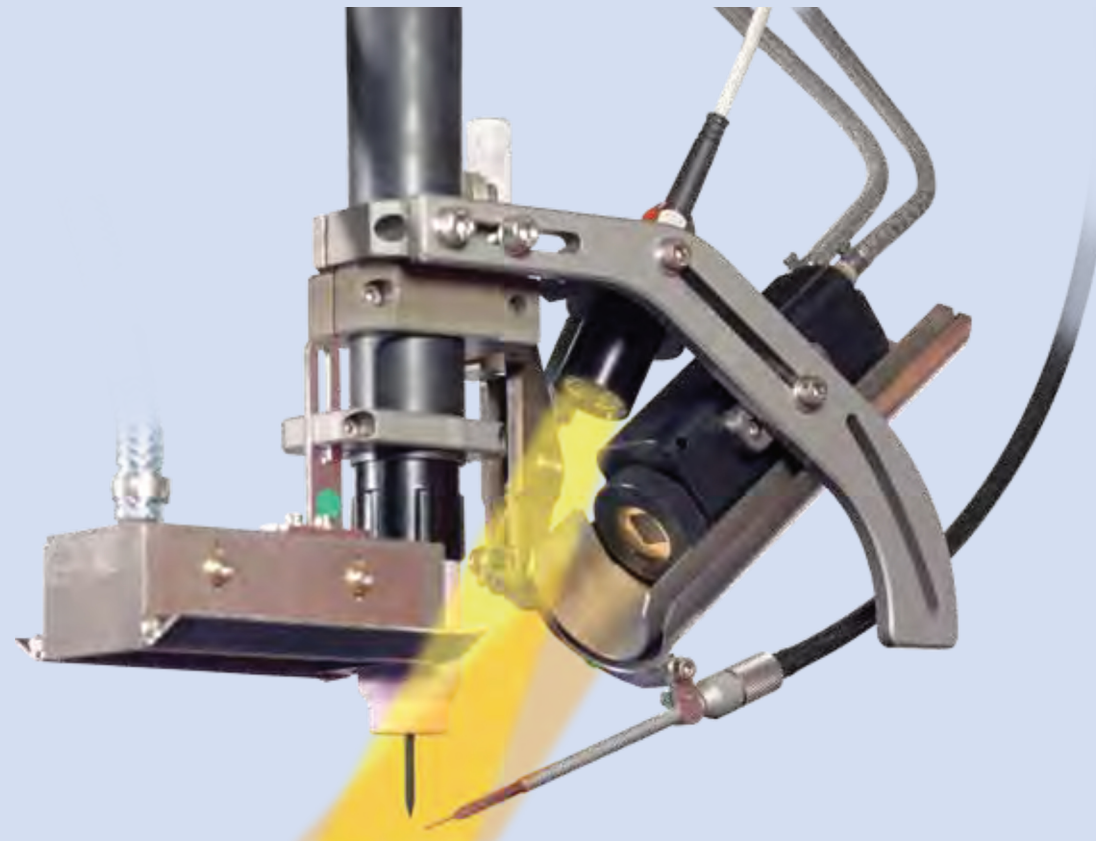


POLYSOUDE
THE ART OF WELDING

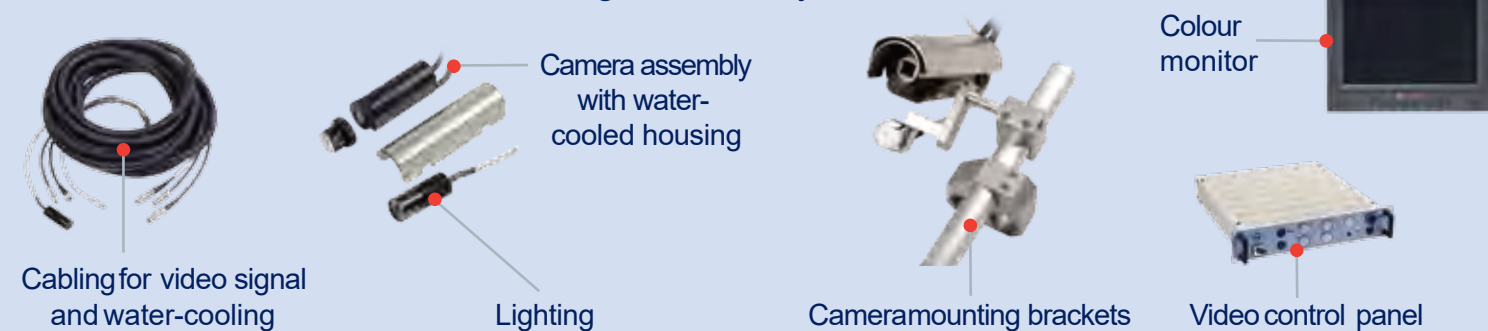
Advantages

- State-of-the-art imaging technology
- Active-filter/adjustable to light conditions
- Full colour image
- Clear view of welding pool, motor-driven focus
- Operates perfectly in harsh industrial environments
- Water-cooled
- Stand-alone components allows for on-site retrofitting
- Improved working conditions allowing for a higher quality weld

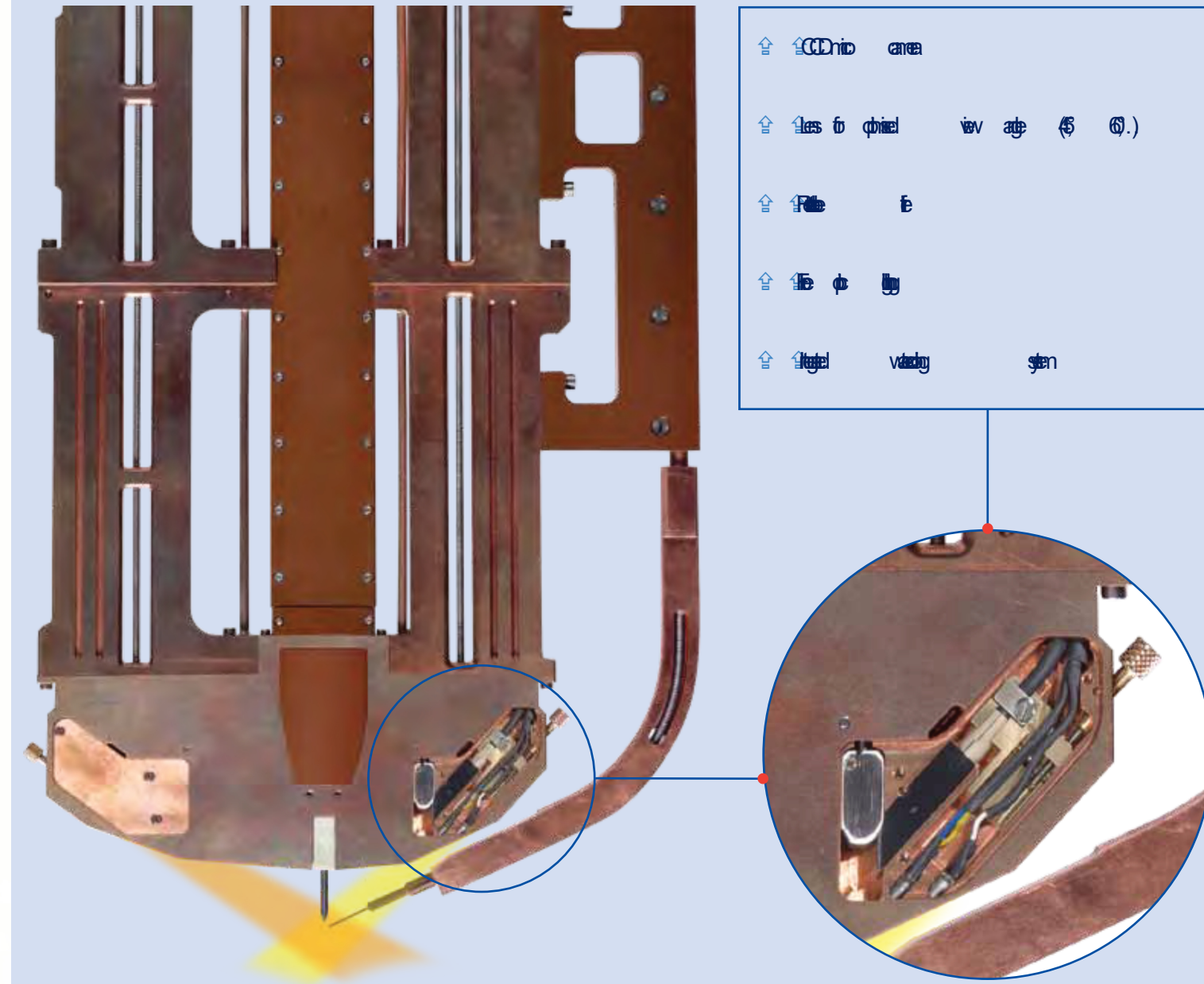
External "Stand- Alone Solution"



► The "Stand-Alone" arc viewing camera system consists of:



Integrated Solution



► Monitoring Cabinets

For on-site use, rugged rack mounted monitoring cabinet



Controller for image and lighting adjustment

► Full function Cabinet with Video and data acquisition system



Perfect traceability when combining video together with real-time welding parameter monitoring and recording

For remote welding applications, enabling the operator to follow the weld process accurately under optimised conditions and guarantee traceability





Technical Specifications

	External "stand-alone" solution	Integrated solution
Camera	1/3" CCD high-sensitivity colour camera	1/6" remote CCD high-sensitivity colour camera
Resolution	Horizontal resolution : 460 TVlines	Horizontal resolution : 470 TVlines
Settings	Adjustable settings via RS232C: shutter, gain, white balance	Adjustable settings via USB2.0: shutter, gain, white balance
Filter	Electronic filter with adjustable density	On/off light filter
Focus	Remote adjustable focus	Pre-adjusted focus
Housing	Water-cooled housing	Water-cooled torch body
Video Signal	Composite video signal	
Camera lens	Focal length 25 mm	Focal length 6 mm
Video recorder	Automatic recording (1 to 4 cameras) Search and replay functions for recorded sequences Timecode for recorded sequences Recording resolution : 25 images per second Video compression format : H264 Back-up copy of recording/ Network communications via Ethernet port (USB2.0)	
Video Control Panel	On/Off camera and lighting Manual focus adjustment Active electronic filter adjustment Video recording control	
Protective housing	On-site portable cabinet	Full function cabinet
Dimensions L x W x H	740 x 560 x 603 mm 28.86" x 21.84" x 23.5"	670 x 600 x 1570 mm 26.13" x 23.4" x 61.23"
Weight	45 kg / 99.21 lbs (incl. video recorder)	165 kg / 363.75 lbs (incl. industrial PC, real time weld parameter/data recording system and video imaging)



POLYSOUDE: Related services

► Guidance and technical support

A welding application specialist in your area will advise you on the welding process and appropriate equipment for your application.

► Commissioning/ Training

A complete training program will enable you to start using the equipment immediately and in the best way possible.

► Maintenance / Repair

Maintenance and repair operations can be carried out at the Polysoude plant as well as on site by our service network.

► Rental service

Increase the flexibility of your production! A large range of equipment is available for rental from our hire fleet.



Your partners worldwide

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