



SERVISOUD

Europe Technologies group

SERVICAM - PORTABLE MONITORING AND SUPERVISION WELDING SYSTEM



Would you like to monitor the welding process, control it remotely, or record and analyse data?

SERVISOUD, in partnership with CAVITAR, offers an innovative welding **monitoring system**.



Cavitar's revolutionary welding camera uses **laser illumination** to see **through the welding arc**.



Real-time welding
visualisation (**MAG process**)

Integrated software with an interface designed for welders (horizontal/vertical lines for tracking).

Camera and accessory storage

Heavy duty wheeled case with telescopic handle connectivity



15" or 21" touch screen

Connectivity (camera, network, external storage, remote screen)

Accessories:

- Computer accessories (industrial keyboard and mouse)
- Articulating Camera arm mount





SERVICAM APPLICATIONS

1) VISUALISATION (CAVITAR)

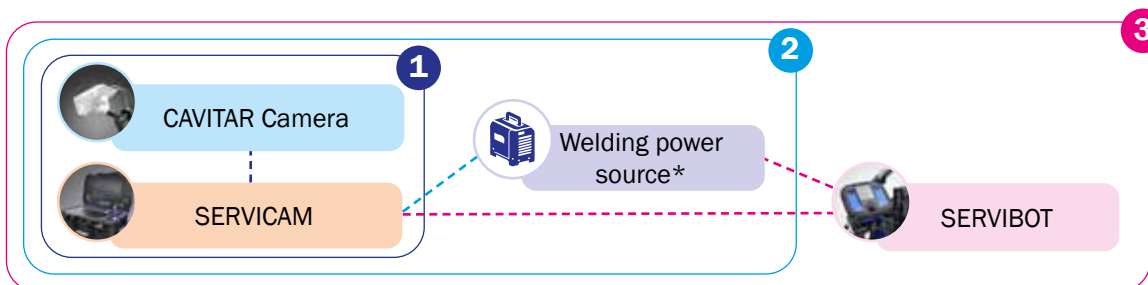
- Welding **visualisation** (up to two cameras simultaneously)
- Image **recording**

2) MONITORING (SERVICAM)

- **Power source parameters** in parallel with the image
- Saving and replaying **data synchronised with images**

3) TELEOPERATION (SERVIBOT)

- Welding **teleoperation** with the SERVIBOT RC remote control
- Display of **SERVIBOT system parameters** and welding **heat input**



**subject to compatibility: MODBUS communication required*

Other advantages

- Accelerated training of welders (manual, mechanized, automation, etc)
- Better understanding complex phenomena in welding (research of welding parameters, defects analysis...)

QUALITY & SAFETY

Our portable welding supervision solution guarantees the welder's **productivity, quality, and security**.

- Control of welding parameters and heat input in real-time
- Analyse defects with parameter recordings and videos
- Move away welder from fumes and light radiation
- Improvement of working comfort (ergonomics of the workstation) and prevention of MSDs (Musculoskeletal Disorders).

TECHNICAL SPECIFICATIONS

	SERVICAM 15" Screen	SERVICAM 21" Screen
Dimensions (L x l x h)	600 x 400 x 340 mm	650 x 510 x 300 mm
Weight without accessoires	15 kg	22 kg
Weight with accessoires	21 kg	28 kg
Connections	2 cameras, 1 com port GbE, 1 HDMI, 2 USB	
Compatibles processes	MIG/MAG, TIG, PLASMA, PLASMA cutting, Hydrid processes	

More information on our configurations in our catalogue

