



# KEEPSAKE AUTOMATION

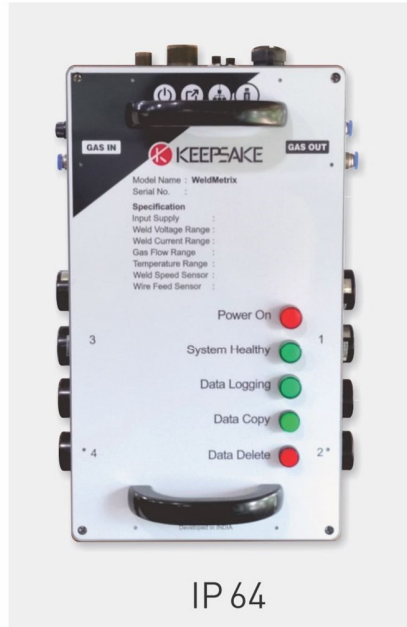
Let's Automate

**WeldMetrix®** is a real-time monitoring for process parameters. It saves the data along with generating and comparing reports. IOT 4.0 enabled with Wi-Fi and Bluetooth connectivity.

**“The goal is to turn data into information, and information into insight.”**

## Salient Features

- Use on any brand welding machine
- Windows based control system
- High speed version for viewing actual waveform
- User configurable design
- Universal device for all arc welding process
- HF insulated for GTAW processes
- Online and offline version
- WPS and arc time monitoring
- Datalogging and reporting
- Industry 4.0 connectivity
- Analytics and machine learning modules available

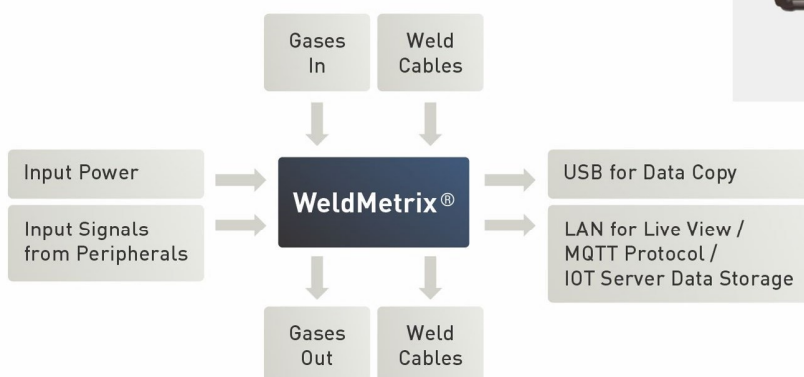


IP 64



IP 20

## WeldMetrix - Basic Layout





# KEEPSAKE AUTOMATION

Let's Automate

## DATA BOX CONFIGURATIONS

### Logs up to 15 parameters as per user needs

Base Box	Logs Voltage and Amperage
	500 and 1000 amps variants
	Voltage: 0-100VAC/DC
	Current: 0-500/1000 amps
<b>Addons</b>	
Gas flow measurement	Gas types: Argon, CO2, Argoshield
	0-50 LPM
Gas pressure measurement	0-10 bars
Wire feed speed measurement	Wire dia: 0.8 mm - 5 mm
	Separate attachment is needed for aluminium and softer wires.
Temperature measurement	Non-contact infrared measurement
	0 – 1000°C
	Multiple sensor options available as per temperature range
Humidity measurement	Handheld and wall mount sensor options available for ambient humidity measurement as per user need
Welding speed measurement	Separate attachment for welding speed recording
Mini thermal printer	For online and summary printing
HMI	HMI for real time display
Casing variants	IP64 variant for harsh environment
	IP20 carry case type
Software options	<ul style="list-style-type: none"> <li>• Automatic parameter storage in CSV file</li> <li>• Backup of files in USB</li> <li>• Realtime parameter monitoring on PC and Connectivity through LAN port</li> <li>• Trends Analysis</li> <li>• Cloud Storage and dashboard</li> <li>• OEE calculator</li> </ul>

### Advantages

- Process and power source independent
- Welder performance reports
- Bead to parameter mapping
- Welder traceability
- User defined report generation format
- Cost calculations

**PRODUCTS:** • Autowelder • Autocutter • WeldMetrix • Robotic Positioner • IOT Devices • Custom Software Modules • Linear Units/Gantry  
**AUTOMATION & SERVICES:** • SPM • Robotic Application • System Integrators • Turnkey Projects • Simulations • Fixturization

### Keepsake Automation

1st Floor, Keepsake Welding Research Centre,  
L D College of Engineering Campus, University  
Road, Ahmedabad- 380015, Gujarat, INDIA.

**Phone:** +91 9825119580  
**Email:** info@keepsakeautomation.com  
**Web:** www.keepsakeautomation.com

