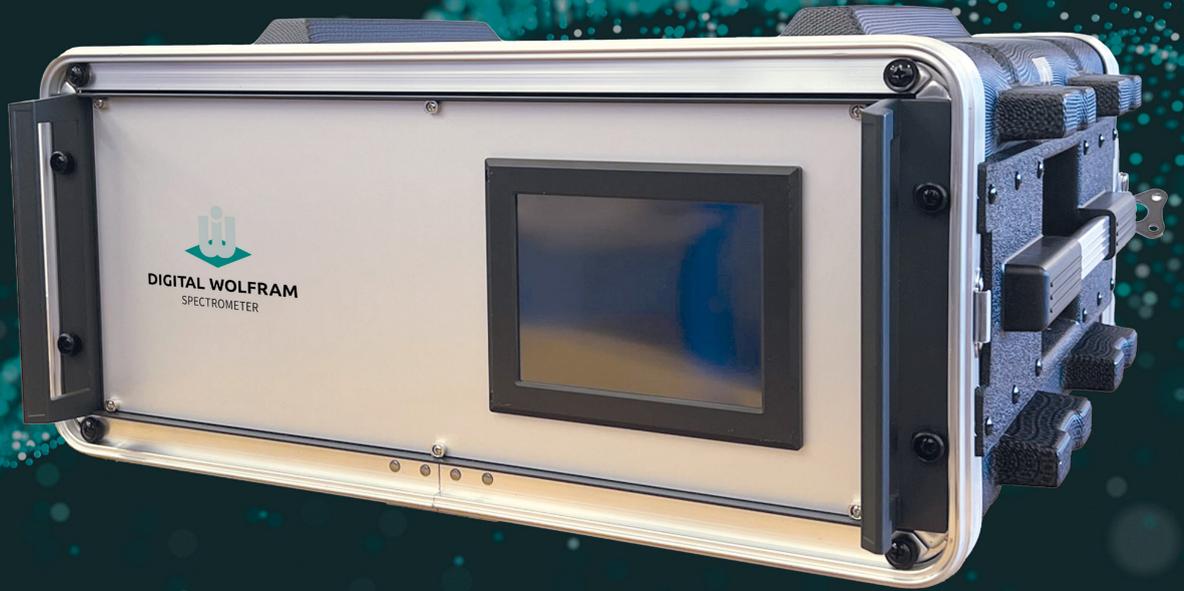
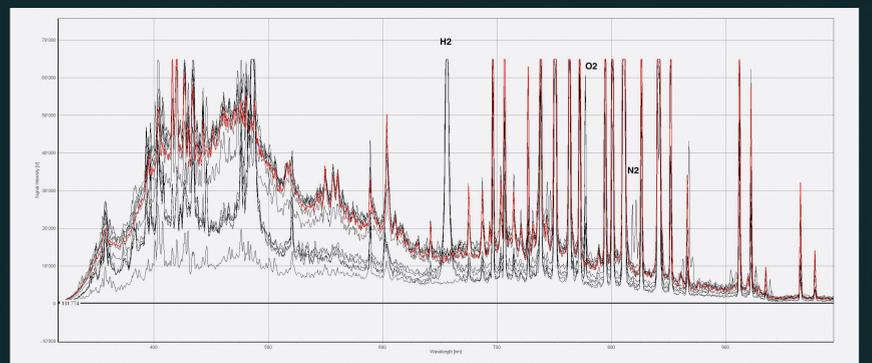


DIGITAL WOLFRAM SPECTROMETER – WELDING EXPERT



Innovative welding process monitoring and analysis for demanding applications

1. Real-time chemical analysis of the welding arc
2. High resolution and simultaneous measurement/monitoring of:
 - Shielding gas composition
 - Base material inclusions
 - Filler wire composition and cleanliness
 - Surface contamination
 - Tungsten inclusion and degradation
 - Porosity and microporosity detection
3. Monitoring of gases and metals
4. One fiber-optic sensor to monitor them all
5. Instantaneous weld defect detection
6. Actionable results with action triggers for the process
7. Data for Quality
8. Easy installation for new systems or retrofits



WOLFRAM INDUSTRIE
TUNGSTEN TECHNOLOGY GROUP

www.wolfram-industrie.de