

Extrusion Profiler System (EPS)

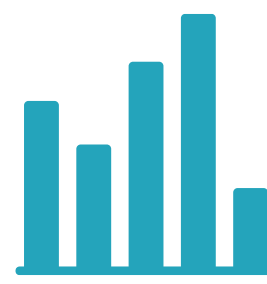
The EPS is an optical measurement system that can accurately measure the surface and form of extruded metal billets in real-time. Coupled by our smart control software, you can instantly and reliably detect dimensional deviations in accordance to EN 755-9. With accuracy down to 20 micrometers (depending on measurement size), EPS offers an essential feedback mechanism to maintain product consistency and quality.

Integrating EPS into production lines boosts precision and control, significantly improving product quality and the extrusion process efficiency.

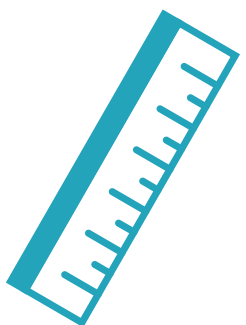
Key Features



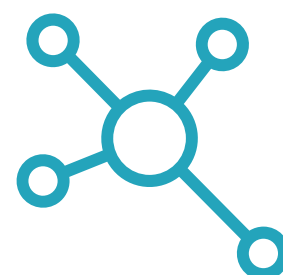
Fast in-line measurement of aluminium, plastic and composite extrusions



Real-time analyses in accordance to EN 755-9



Calculations of angular deviations, concavity/convexity



Bespoke measurements and analyses software based on customer needs



Complete in-line integration and tailoring of the hardware to the specific profiles



Measurement and application support

Contact Us



+44(0) 115 906 1243



solutions@taraz-metrology.com



www.taraz-metrology.com



Strelley Hall, Main Street, Nottingham,
NG8 6PE, UK

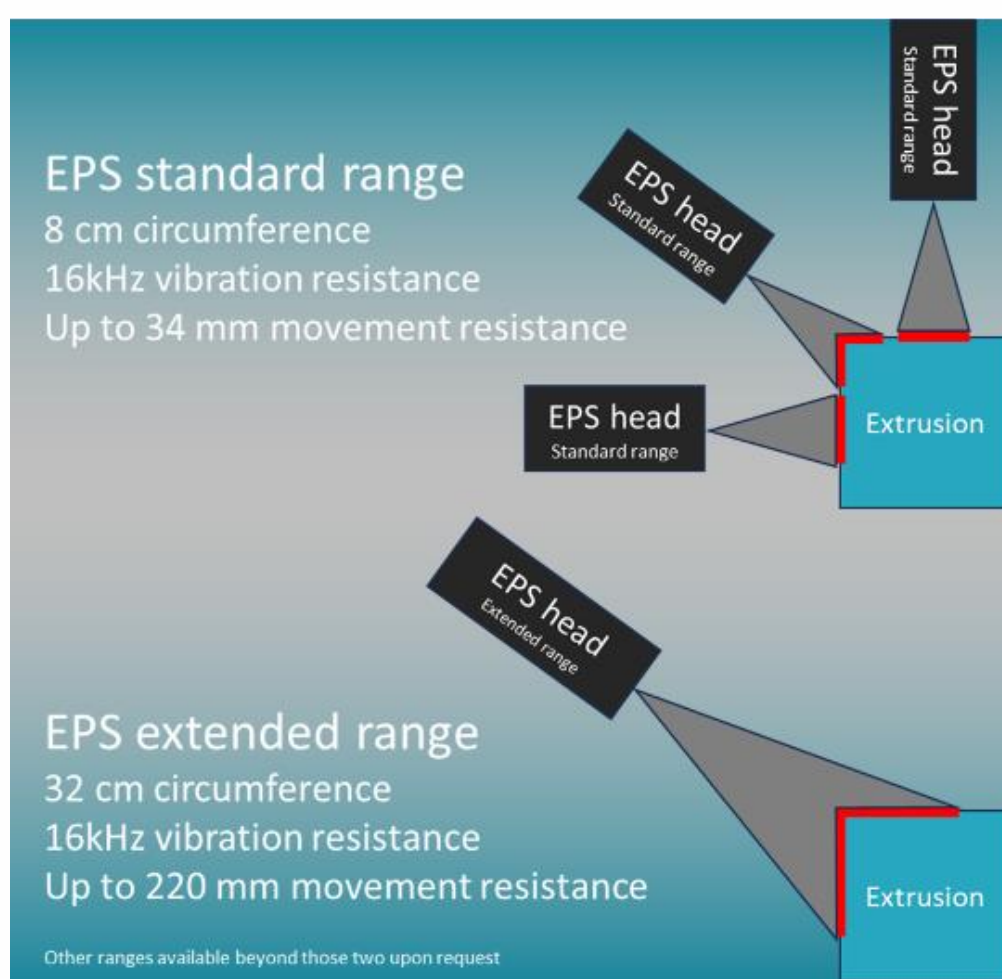
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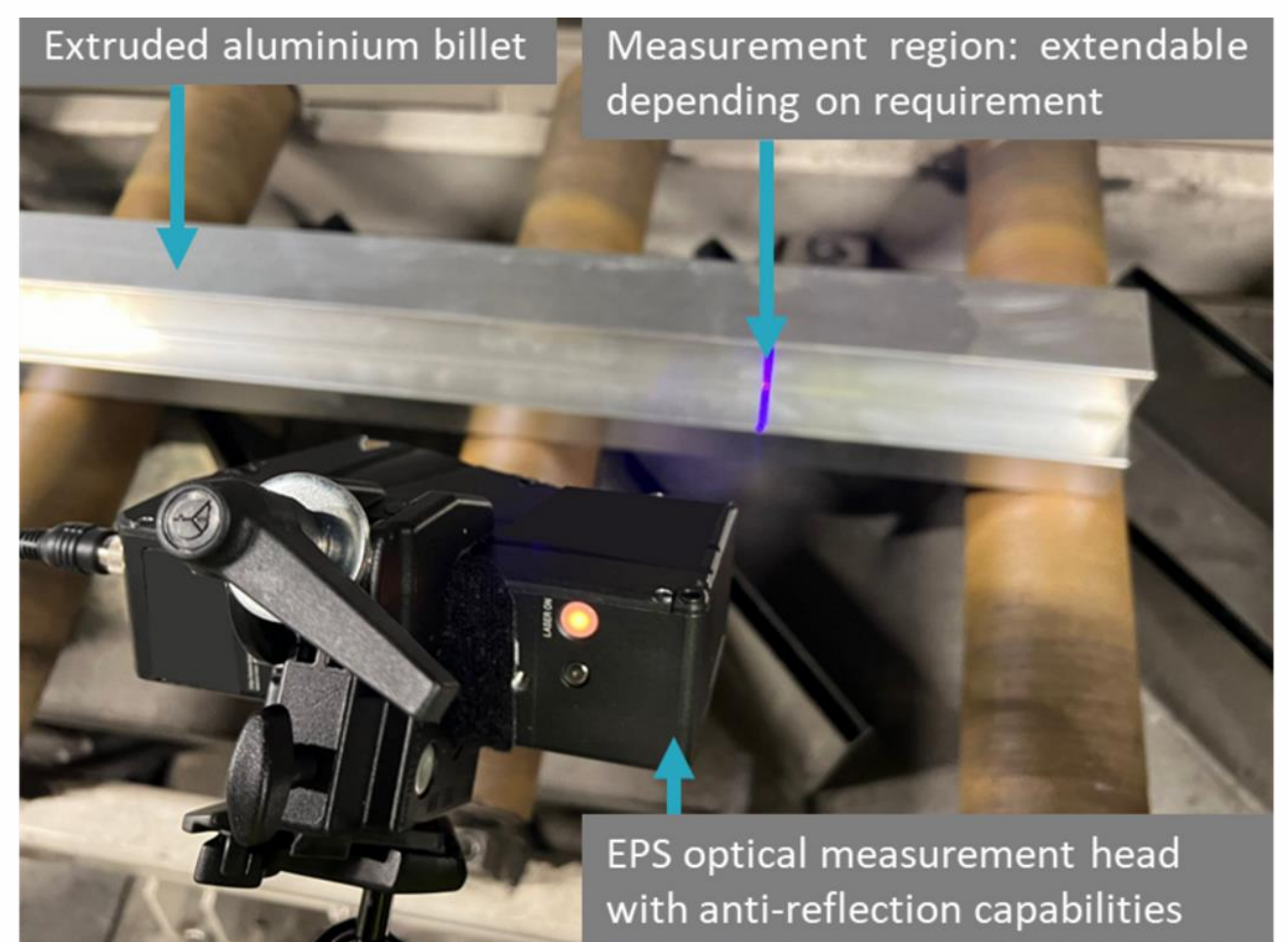
Extrusion Profiler System (EPS)



The EPS measurement head



EPS configuration



EPS integration

Single measurement Off On
Continuous measurements

Steady-state reference recorder Off Simultaneous

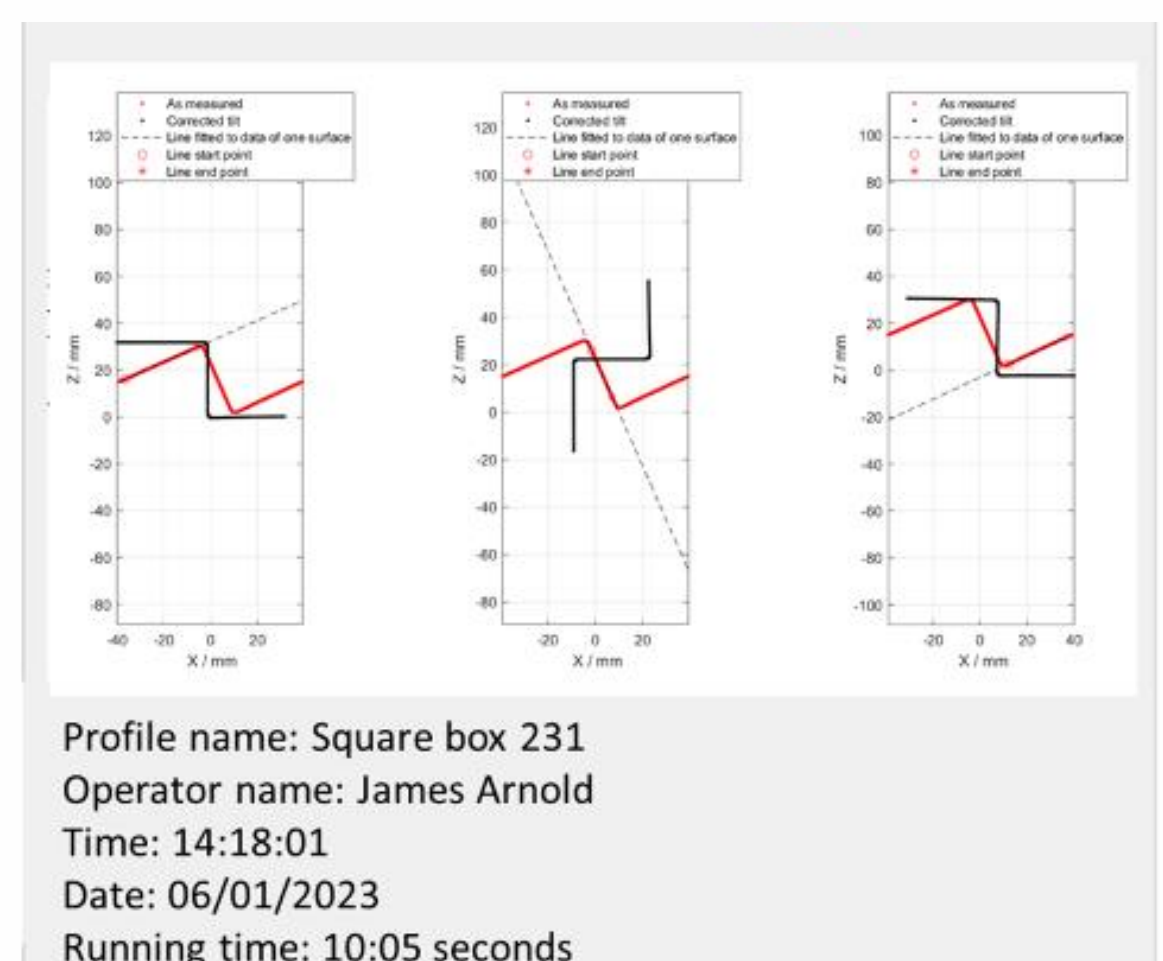
Head selection: Head#1, Head#2

Profile width in mm:

	timestamp094225...	timestamp094225...	timestamp094225...	timestamp09422...
concavity/cove...	1.0192	0.7166	1.9385	4.
on-plane angle	46.3418	-42.7490	-62.3433	34.
Line start / x dir	-19.2250	7.3000	25.6750	29.
Line start / y dir	-11.9680	15.1200	-1.1160	-7.
Line end / x dir	7.3000	25.6750	29.7500	39.
Line end / y dir	15.1200	-1.1160	-7.1760	-3.
Twist / mm	0	0	0	0
Corner angle	0	90.9092	-19.5943	27.

Angle status ●

EPS control software



EPS measurement



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