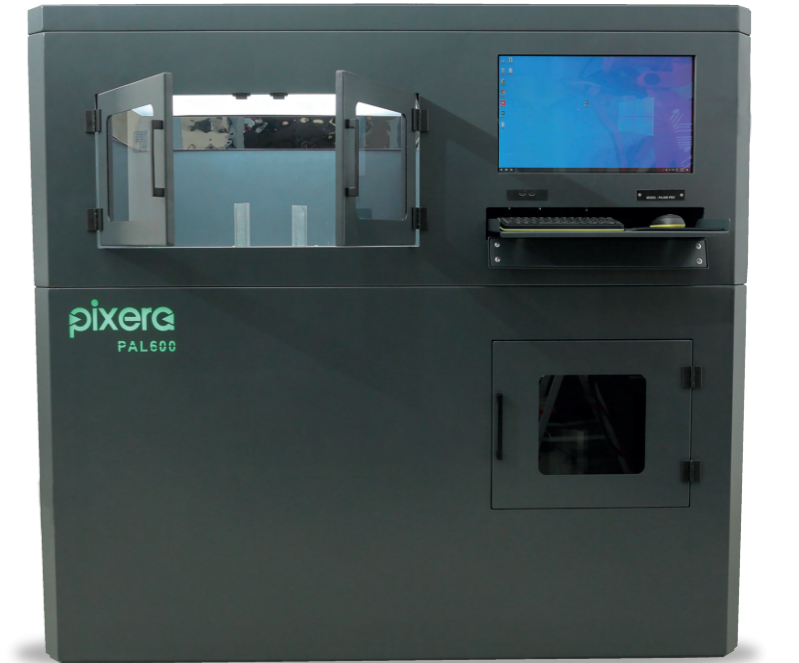
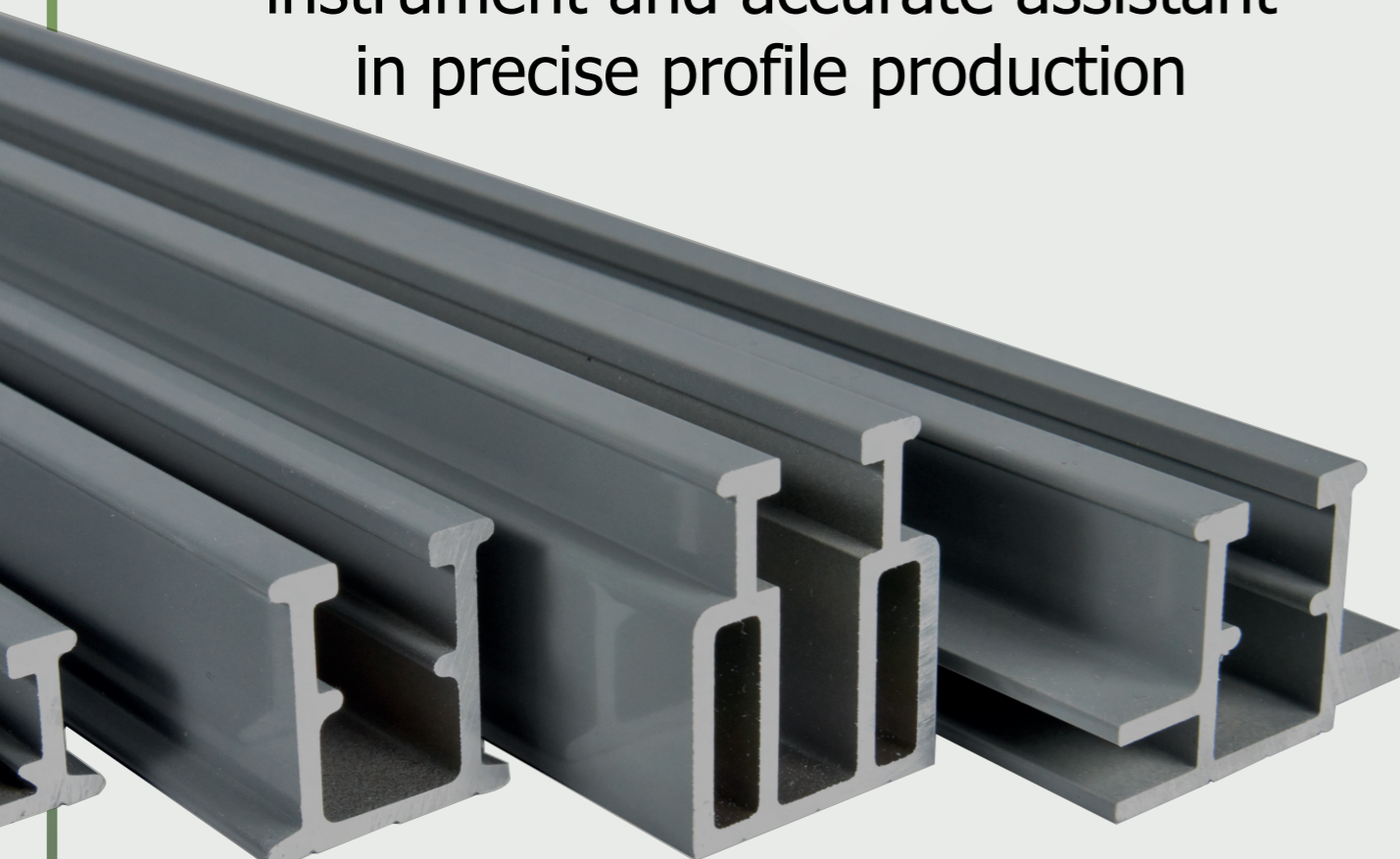


## PAL SERIES



# PROFILE MEASUREMENT MACHINES

Pixera PAL series measurement devices will be your most reliable instrument and accurate assistant in precise profile production



[info@pixera.com.tr](mailto:info@pixera.com.tr)

[www.pixera.com.tr](http://www.pixera.com.tr)

Bariş Mh. Dr. Zeki Acar Cd. TÜBİTAK 1/1 Gebze / KOCAELİ



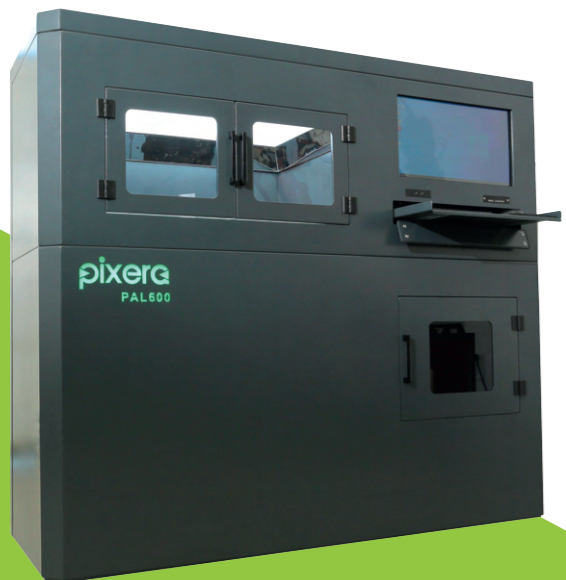
# Why PAL SERIES ?

Pixera PAL series are optical measuring devices used for quality control in aluminum extrusion lines.

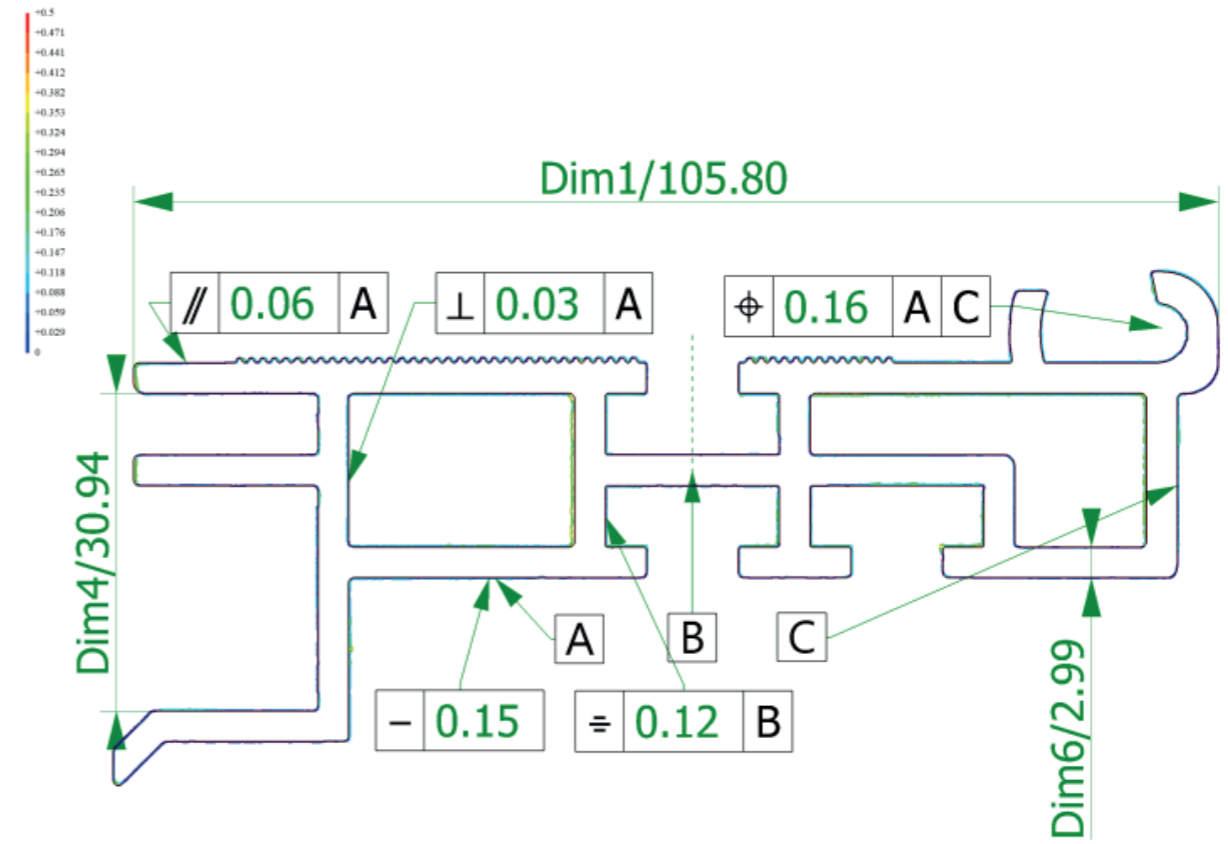
The PAL series eliminate the risk of faulty production of profiles and provide significant savings in terms of time and cost while ensuring reliability.

The Pixera PAL series has a robust structure that can work in all production conditions. It can operate flawlessly without being affected by environmental factors such as dust, oil, vibration and high temperature in industrial environments. In this way, production errors can be detected and rectified as soon as possible.

	PAL150M BASIC	PAL200 PRO	PAL300 BASIC	PAL300 PRO	PAL600 PRO
Measurement Area / Ölçüm Alanı	150x150 mm ~ 6x6 inch	200x133 mm ~ 8x5 inch	300x200 mm ~ 12x8 inch	300x200 mm ~ 12x8 inch	600x400 mm ~ 24x16 inch
Sample Length / Numune Yüksekliği	1-150 mm	1-350 mm	1-350 mm	1-350 mm	1-350 mm
Measurement Accuracy / Ölçüm Hassasiyeti	<±20 µm	<±15 µm	<±25 µm	<±15 µm	<±25 µm
Measurement Time (sec) / Ölçüm Süresi	5-15 sn	3-10 sn	5-15 sn	3-10 sn	3-10 sn
Machine Dimensions / Cihaz Boyutları (mm)	470x350x600 mm	1300x700x1750 mm	1600x700x1750 mm	1600x700x1750 mm	1800x700x1750 mm



## Qualified Production



- ✓ High precision measurement capability,
- ✓ Ability to extract the point cloud of a part without CAD data by reverse engineering capability,
- ✓ Ability to work in the production area with its stable design,
- ✓ Rapid detection of errors in the production process,
- ✓ Reduction in unit costs by reducing waste rates,
- ✓ User-friendly and simple interface that does not require expertise
- ✓ Quickly, precisely, and reliably measuring parts that cannot be measured by conventional methods such as caliper, etc.
- ✓ Preventing human-induced measurement errors with one-touch measurement feature
- ✓ Ensuring line traceability with data recording capability.

## Fast Communication