pixera
ELEKTRONİK ve YAZILIM TEKNOLOJİLERİ LTD. ŞTİ.

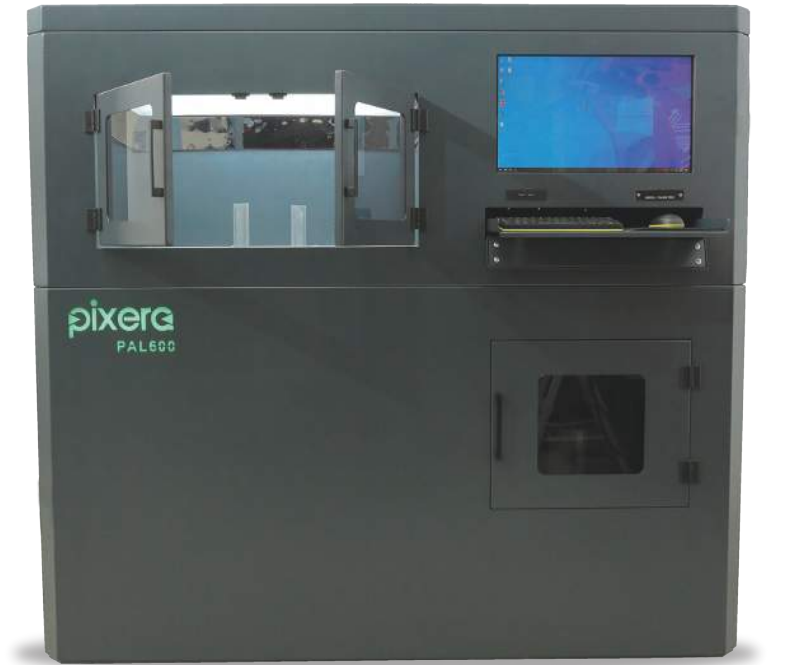## PAL SERIES

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

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PROFILE MEASUREMENT MACHINES

Why
PAL SERIES ?

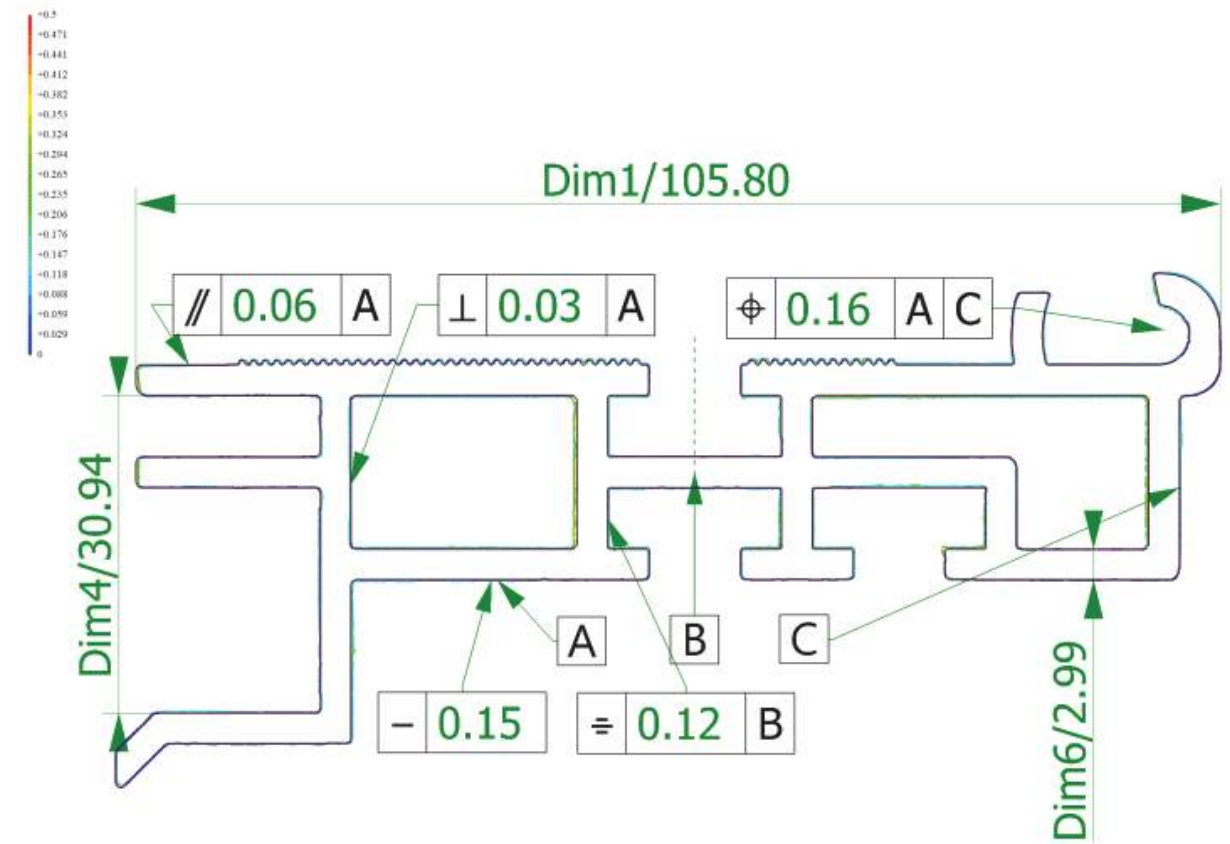Pixera PAL series are optical measuring devices used for quality control in aluminum extrusion lines.

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**

- 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.

Qualified Production

Fast Communication