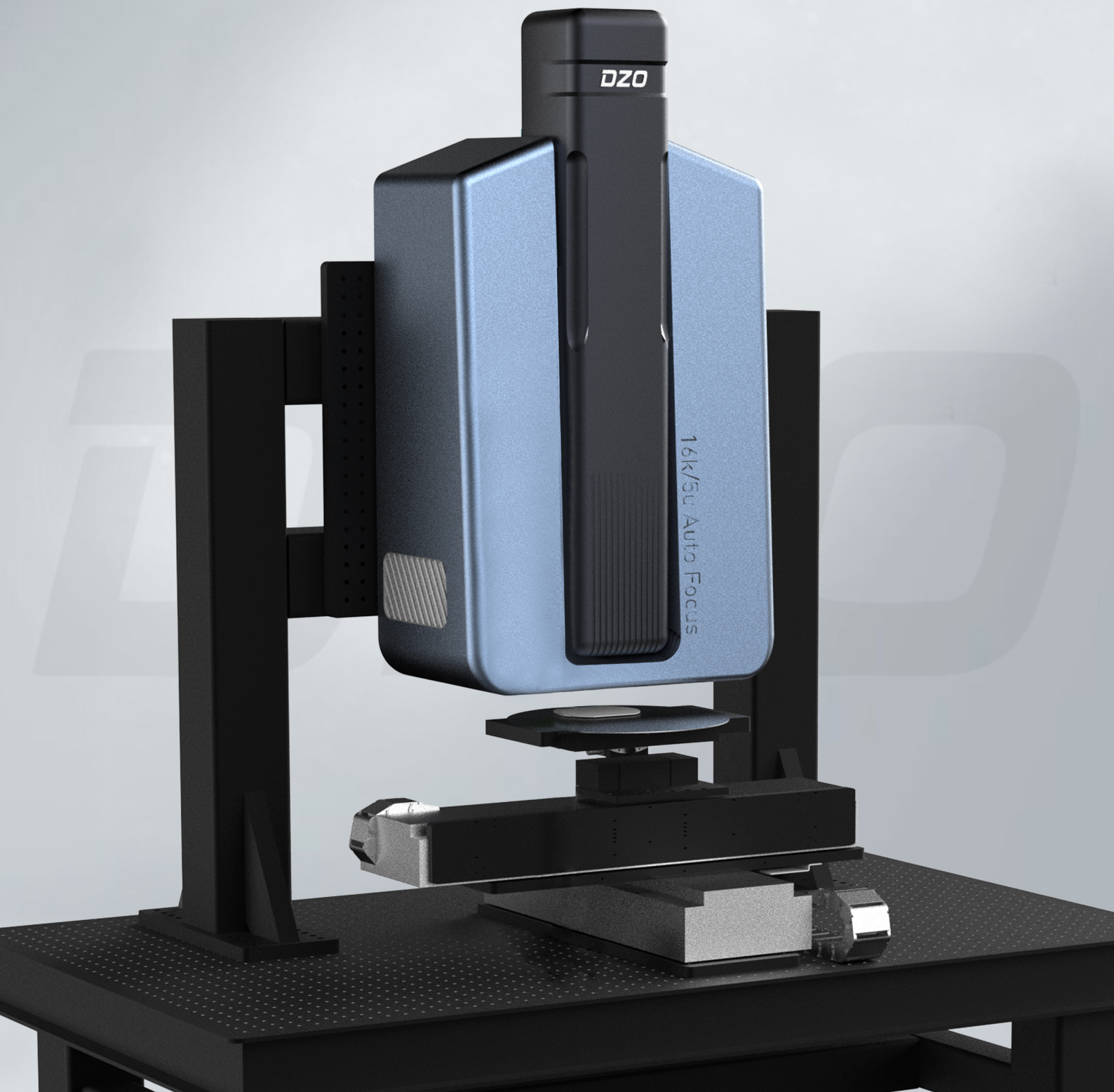
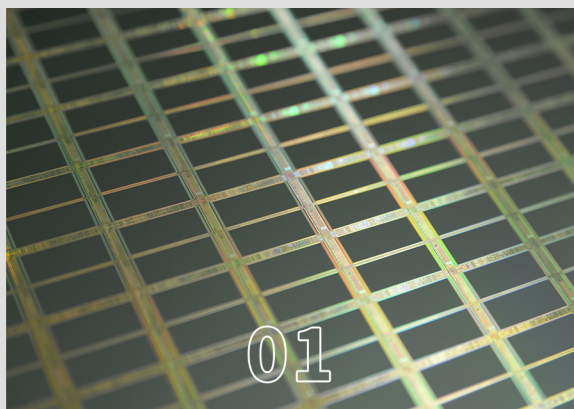


# 16K/5 $\mu$ **DZOPTICS**

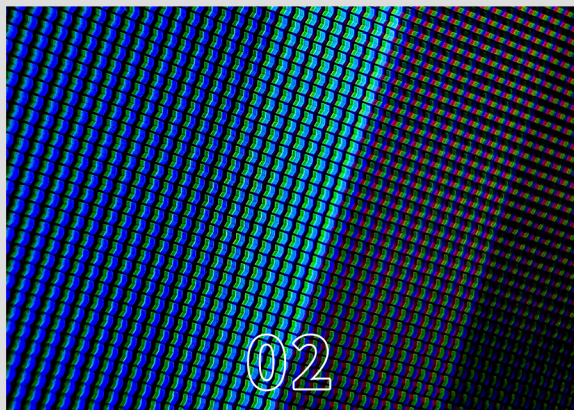
## AUTO-FOCUS SYSTEM



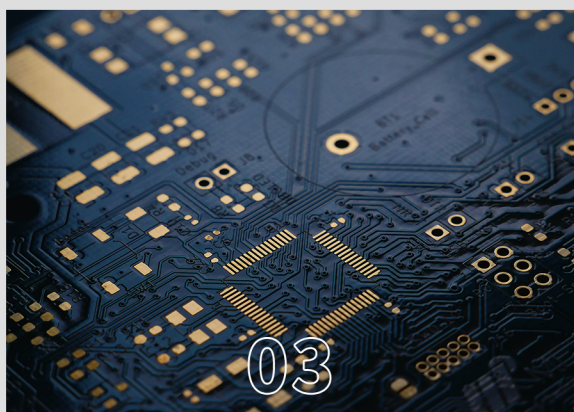
## Application Field



Wafer inspection without/with pattern



Panel Inspection



IC carrier board inspection

## Product Parameters

### Item

### Index

Focusing stroke/time	$\pm 0.5\text{mm}/<100\text{ms}$
Focusing precision	1/4x DOF
Motor operating frequency	40Hz
Frequency of distance measuring camera calculation	330Hz
Encoder resolution	0.1 $\mu\text{m}$
Motor positioning precision	$\pm 1\mu\text{m}$
Motor stroke	10mm
Z-axis max. load	22kg
Instrument weight	30kg
Instrument size (mm)	L:495*W795*H:255

## Core Advantage

1. Super large image circle Dia82mm for high mag. optical system;
2. Larger NA for high transmission and high resolution;
3. Independent optical section, lens changable accordingly;
4. Laser tri-angulation measurement, faster and more precise in focusing;
5. High-speed cameras with real-time autofocus function. Line frequencies  $\geq 250\text{kHz}$ ;

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