

Automotive Resolution & Fisheye Tester with Temperature

AR_FT_Temp



General Specifications	
DXOMARK Image Labs Reference	AR_FT_Temp
Dimensions	210 x 130 x 170cm (LxWxH)
Use	ADAS Camera Resolution / Temp. Cal.
Country of origin	FRANCE
TCL Rotation Angle	147 Degree (±73.5 Degree)
Temperature Control	-40°C ~ +125°C
Heating up speed	6°C ~ 7°C/min
Cooling speed	1°C ~ 2°C/min
Motion Stage	5 axis (Auto & Manual)
Collimator	Option 1: RT-TCL-L15 (1EA,0.5M ~ Infinity) Option 2: RT-TCL-A12 (1EA,0.9m ~ Infinity ~-1M)

Image Grabber Specifications	
DXOMARK Image Labs Reference	MIG_S2_001
Main Interface	Mipi D-phy Mipi C-phy

	LVDS Parallel
Ser/Des Interface	GSML1/GSML2 (for Maxim) FPD Link (for TI)
Support	I2C / USB3.0

TCL Specifications

DXOMARK Image Labs Reference	RT-TCL-A15
Infinity	~ 100M (Theoretical distance 500m)
FOV	15 Degree
Other specifications	Built-in Controller (Lighting, chart driver), Chat distance Motor movement

Description

This Comprehensive Automatic Tester has been specifically designed for ADAS cameras operating in extreme temperatures. It is the only module-level resolution Temperature Shift inspection facility. The tester utilizes a Telecentric Collimator Lens for versatile testing and supports temperature adjustments ranging from -40°C to 125°C, meeting AECQ103 Grade 1 standards. The 5-axis platform allows for real-time adjustments to the camera's center position, ensuring clear imaging under every temperature conditions.