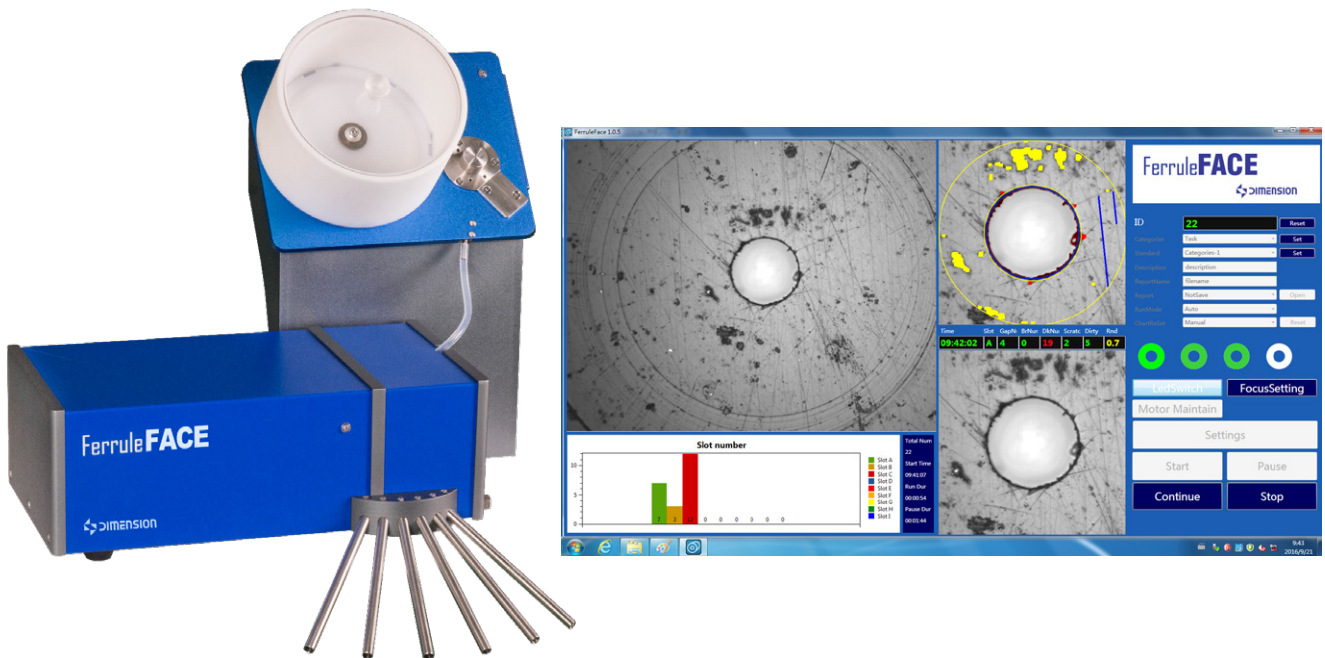# *FERRULE FACE Endface Auto Inspector*

FERRULE FACE supports fully automatic and high efficient Ferrule end-face inspection. With the help of auto feeding, auto inspection and auto classifying functions, FERRULE FACE can easily test more than 3000 pieces of ferrule per hour, minimal human intervention is needed. FERRULE FACE is a must-have instrument for ferrule manufacturer; it's the guarantee for high quality and efficiency.

Main Features

- Fully Inspection for Ferrule End-face
- Efficient Ferrule Testing
- Ferrule Endface Visual Inspection
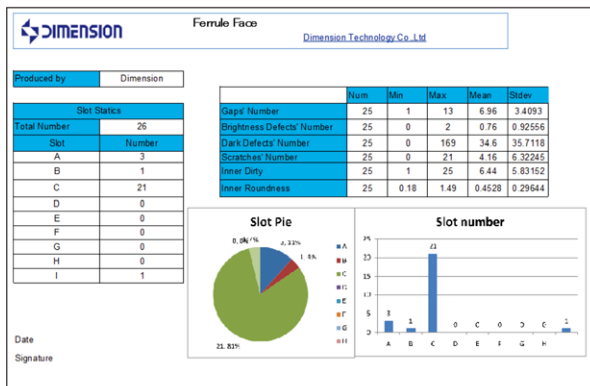- Comprehensive Data Analysis
- Automatic Classify
- Quick Measurement

Applications

- Automatically detect fiber core concentricity, outer roundness, inner diameter, inner roundness and core sorting of different grades.

Comprehensive Testing Capability

The intelligent ferrule endface analysis program can identify any physical defects on ferrule endfacelike edge, scratch and blocking. The testing result is highly accurate and repeatable.

Perfect Data Analysis Capability

Ferrule Face — Dimension Technology Co.,Ltd

Produced by	Dimension

Slot Statics

Slot	Number
Total Number	26
A	3
B	1
C	21
D	0
E	0
F	0
G	0
H	0
I	1

	Num	Min	Max	Mean	Stdev
Gaps' Number	25	1	13	6.96	3.4093
Brightness Defects' Number	25	0	2	0.76	0.92556
Dark Defects' Number	25	0	169	34.6	35.7118
Scratches' Number	25	0	21	4.16	6.32245
Inner Dirty	25	1	25	6.44	5.83152
Inner Roundness	25	0.18	1.49	0.4528	0.29644

Date
Signature

Categories	Task								
ExceptionLine	I								
Slot	A	B	C	D	E	F	G	H	I
Gap Grade	G	P	F	G	G	P	P	N	N
Brightness Defects Grade	N	N	N	P	P	P	N	N	N
Dark Defects Grade	N	N	N	P	N	P	N	N	N
Scratches Grade	N	N	N	P	P	N	N	N	N
Inner Dirty Grade	N	N	N	N	N	N	N	N	N
Inner Roundness Grade	N	N	N	N	N	N	N	N	N
Lastest Start Time	24/08/2016 10:35:56								
Lastest End Time	24/08/2016 10:36:38								

Grade Standard	Categories-1			
	excellent		qualified	
	Range	Number	Range	Number
Gap Standard	[3,15)	30	[15,25)	5
Brightness Defects standard	[3,10)	5	[10,30)	2
Dark Defects standard	[5,10)	10	[10,30)	10
Scratches standard	[3,5)	2	[3,10)	6
Inner Dirty standard	[0,10)		[0,15)	
Inner Roundness standard	[0,0.6)		[0,1)	

High Efficiency

The operation of FERRULE FACE is easy and convenient. FERRULE FACE's testing capacity is more than 3000 pieces per hour.

Automatic Inspection

Auto feeding, auto focusing, auto inspection and auto classifying makes FERRULE FACE a real automatic equipment. It needs minimal human intervention.

Stable Data Transmission

The lockable USB connection and robust mechanical design ensure the stable testing result even in the complicated field application.

Specifications

Item	Parameters
Testing Time	0.8S
Focus mode	Auto Focus
Applicable Product	2.5mm ferrule/1.25mm fferrule
Power	DC 24V
Size (H*W*D)	420mmX300mmX400mm

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