



# **NOK Precision Component (Thailand) Ltd.**

## **(NPCT)**



CONFIDENTIAL

# Location



## **NOK Precision Component (Thailand) Ltd.**

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Ayutthaya 13160 Thailand**

**Tel: +66 3525 8666**

**Website: [www.noknpct.co.th](http://www.noknpct.co.th)**

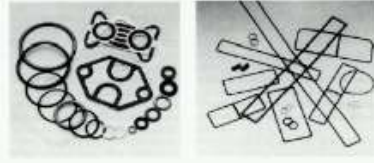
# Global Company



- Established : 1941
- Capital : US\$233M
- Oil seal for automotive industry



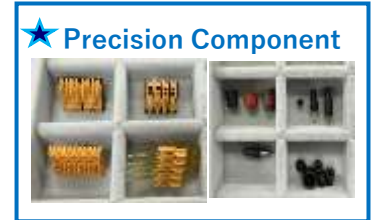
Oil Seal



O-Ring, Gasket



Polyurethane  
Cushioning



From :  
1-Apr-2026



## Eagle Kogyo

- Established : 1964
- Capital : \$105M
- Metal Seal (Mechanical Seal, Others)



## Mektec Corporation

- Established : 1969
- Capital : \$50M
- FPC
- ★ Precision Component



## NOK Klueber

- Established : 1976
- Capital : \$1M
- Lubricant

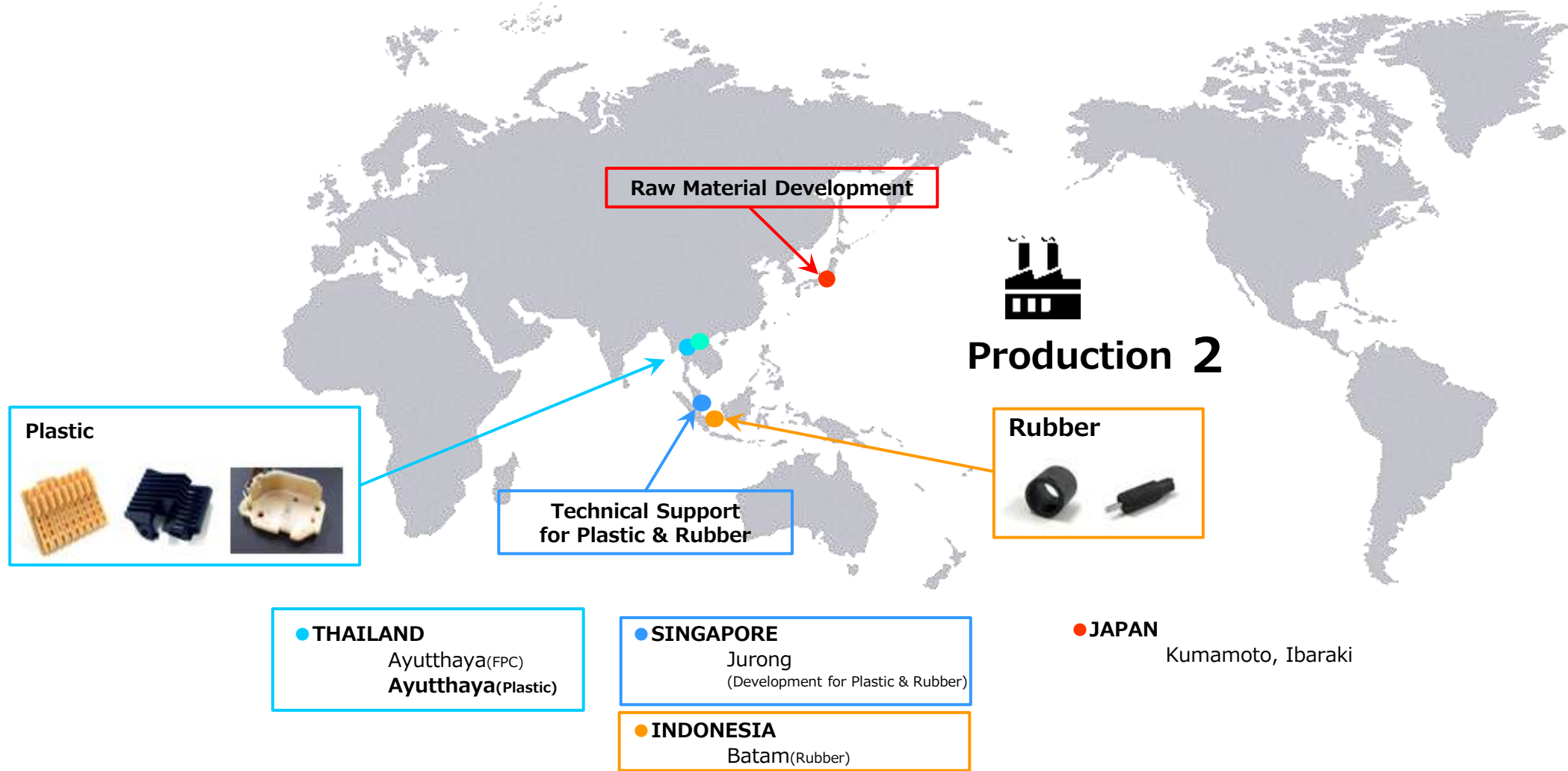


## Unimatec

- Established : 2002
- Capital : \$4M
- Polyurethane, Rubber Material



# Precision Component World-wide Production Location



# Company Profile



**Established** March 27<sup>th</sup>, 2001  
**Start Operation** April 1<sup>st</sup>, 2002  
**Registered Capital** 360 Million Baht  
**Share Holder** NOK Corporation 100%

**Land Area** Land : 46,400 m<sup>2</sup>( 29.0 Rai )  
- B1 Production Area : 5,000 m<sup>2</sup>  
- B2 Production Area : 8,700 m<sup>2</sup>  
- B3 Production Area : 5,000 m<sup>2</sup>

**Clean Room** Class 100K up to 100

**Employee Status** 558 persons (as of April 2026)  
**Outsource Worker** 91 persons

**Main Product** Plastics Molding Parts for Hard Disk Drive,  
Electronic Precision Part  
FPC Assembly with Gasket Rubber Dustproof, Waterproof

**BOI Privilege Management** Since November 21<sup>st</sup>, 2001  
Mr. Eiji Taniyama (Director) Japan  
Mr. Hiroki Matsumoto (Managing Director)



# Manufacturing Capability

## HDD



Storage Device

## Mobile/Other



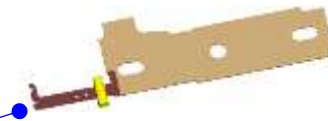
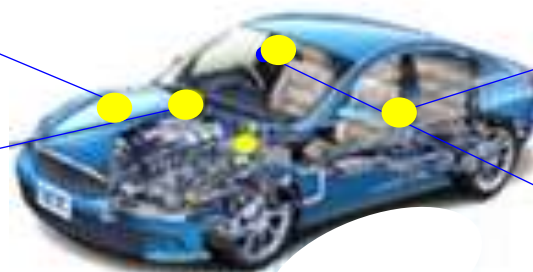
Waterproof / Dustproof for Component in Electronics Device

## Mold Fabrication

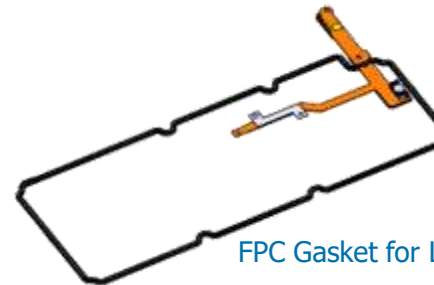


## Automotive

Waterproof / Dustproof Device



NFC door antenna (Keyless entry)



FPC Gasket for LiDAR

# HDD Components

## Spoiler

- Thin fin area
- Precise dimension
- Complicated design
- Material : PEI, PC



## Stopper



## Latch



## Gasket

- High performance seal by gasket lip design
- Low out-gassing material, not bad influence to the disk media
- Material : NOK TPE, EPDM



## Ramp

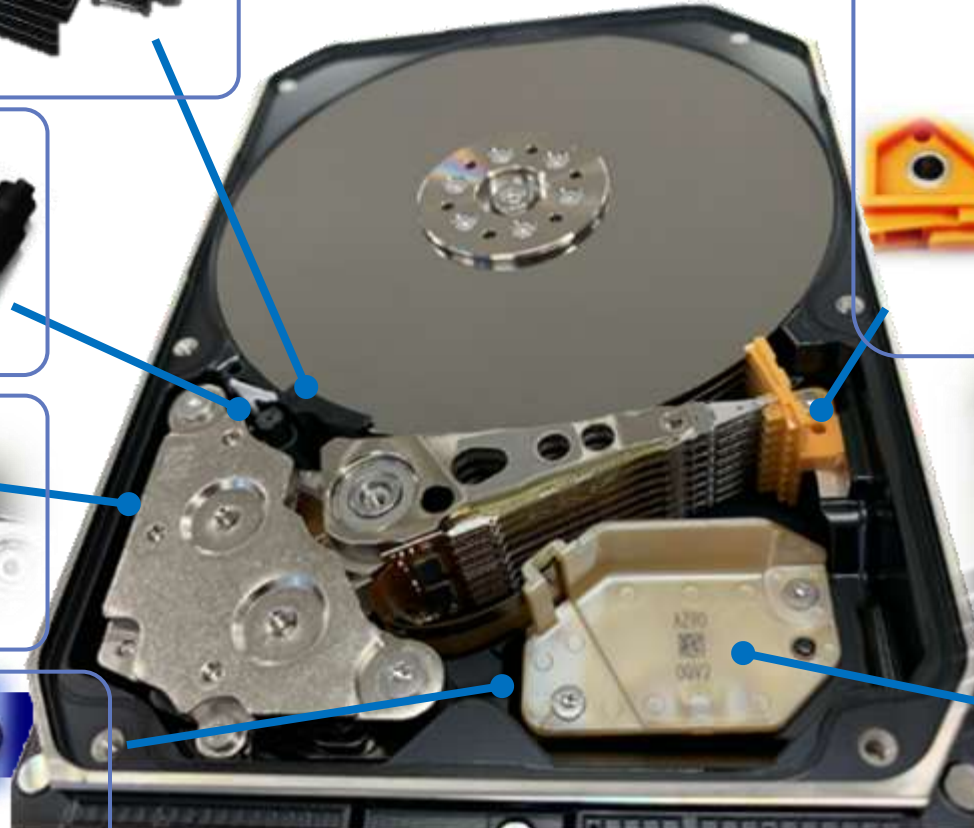
- Good anti-wear performance and can keep initial condition
- High performance for abrasion resistance property and realized low dust



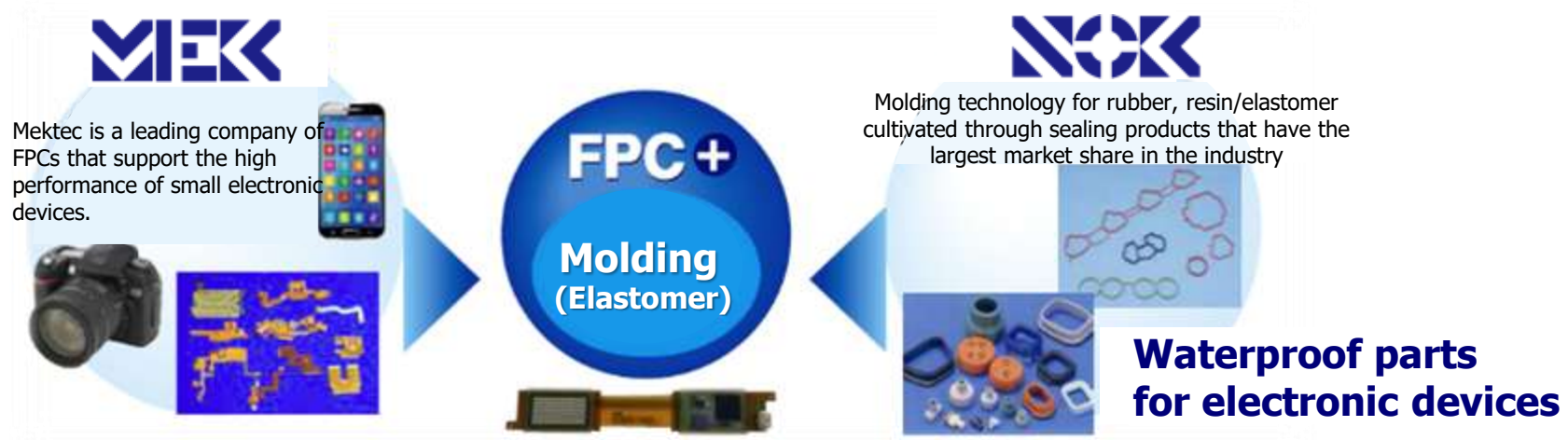
- Precision injection molding mold
- Metal plate insert
- 2 color material
- Material : NOK POM

## Bracket

- Can Apply Laser Marking
- Precise dimension
- Complicated design
- Material : PEI, PC



# Rubber Integrated with FPCA



## Features

- Create added value by integrating rubber, resin/elastomer and FPC
- Keep reliable sealing for FPC
- Utilizing molding know-how cultivated through products for small devices

## Application Examples

Rubber/Elastomer seal

Covering protection (Simultaneous molding with sealing part)

**Rubber Molded IC Tag**

**FPC antenna with Rubber Molded Gasket**

**Thermistor Thermally Conductive Rubber Molded FPC**

**Plastics Connector Rubber Molded Gasket**

# Automotive Components

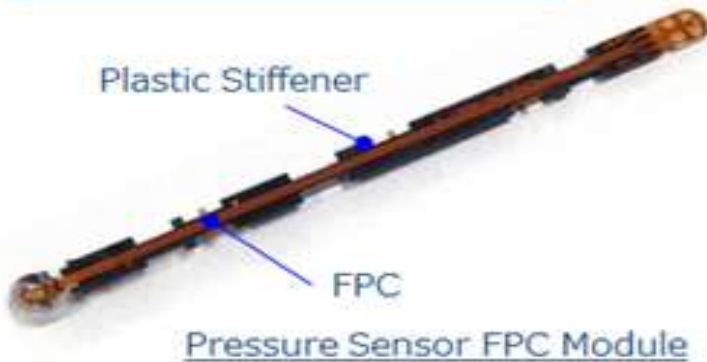
## Features

- Guide for FPC setting, Stiffener
- Stick with FPC by applying adhesive

## Application

- For Sensor, For Gearbox

### Sensor



[Material] : PPA+GF  
[Characteristics]  
Stiffness under high temperature



### Gear Box



[Material] : PA+GF  
[Characteristics]  
Stiffness under high temperature

### Equipment



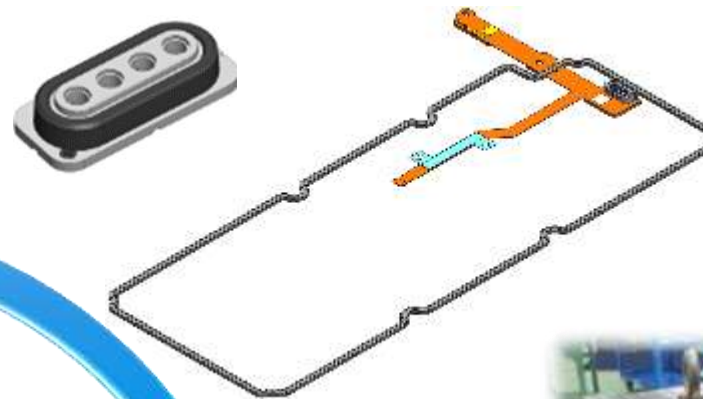
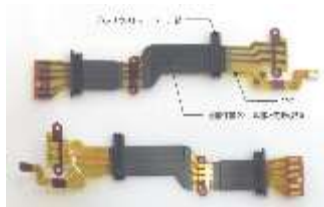
Keyless Entry

[Material] : TPU  
[Characteristics]:  
Water proof/ Dust proof



Cover module assembly  
[Material] : PA+GF  
[Characteristics]:  
Water proof/ Dust proof

# Category



Rubber Molding

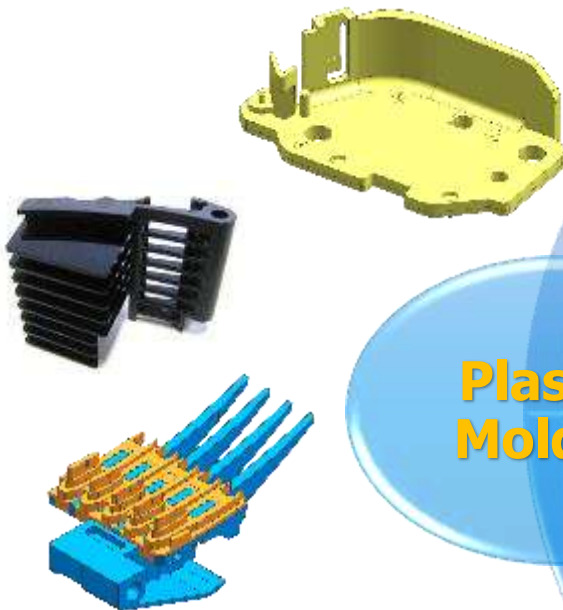


Mold / Tooling fabricate

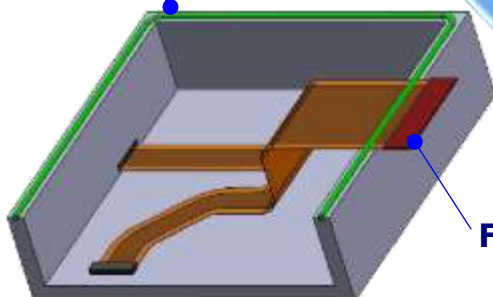


NPCT

Plastics Molding



Conductive Gasket

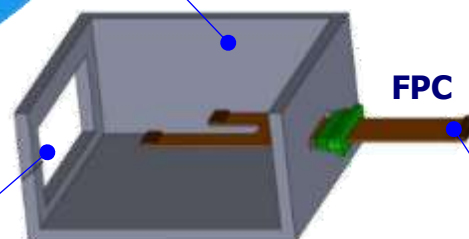


FPC

Module Assembly

Module Window

Camera, Sensor, etc.



FPC

Grommet

# Sustainability

## ESG

### ○ Environment

- Environment management
- Climate change countermeasure
- Waste recycling
- Conservation of Water resource

### ○ Social

- Occupational Safety and Healthcare
- Human Rights
- Local Communities & Society

### ○ Governance

- Corporate Governance
- Compliance
- Risk Management



- Solar roof capacity 1,194 KWP
- Air Head Units Chiller water type
- VSD control Motor speed for Utility supply
- LED Lighting
- Recycling water RO
- Employees mindset conservation environment activities

# Production in Clean Environment

***We can provide suitable environmental area to meet the needs***

***Clean room Class 100K ~ 100***



***We can evaluate product cleanliness by ourselves***  
***In-house LAB(LPC, IC, FTIR, Out-gassing)***

# Certified Standard



**ISO 9001:2015**



**IATF 16949:2016**



**ISO 14001:2015**



**ISO 45001:2018**



**ISO 22301:2019**

## RBA Certificate [PLATINUM]



# | Mold / Tooling Fabrication



# Mold / Tooling Fabrication

## Process Capability

### **Milling**

▮ Support all roughing / sizing to expedite finishing process

### **Grinding**

▮ Able to produce insert with complex profile

Able to achieve +/- 1 micron accuracy

### **CAM**

▮ CAM Programming are supported with Unigraphics (2) and Camtool (2)

### **CNC**

▮ Able high speed machining with good surface finishing on both electrode and steel  
(Max spindle is 40,000 rpm) , Able to achieve accuracy of between 5 ~ 8 micron

### **EDM**

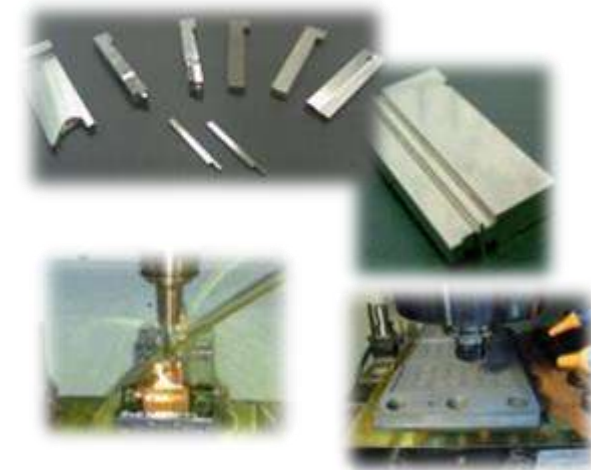
▮ Able to achieve sparking accuracy of **+/- 3 micron**

Able to achieve EDM "R" of **< R0.03**

Able to achieve surface roughness s of RA **< 1 micron**

### **WEDM**

▮ Support all complex 2D and 2.5D profile cutting with accuracy of **+/- 3 micron**



# Mold / Tooling Fabrication



**CNC Mitsubishi V1**



**CNC Makino V33i**



**CNC Fanuc Robodrill**



**CNC Hass VM3**



**EDM Mitsubishi EA8PV**



**Wirecut Mitsubishi  
NA2400**



**AutoLathe Cincom  
A20II**



**Grinding Okamoto  
ACC515DXCL**

# Mold / Tooling Fabrication



LK V 8.7.6 (Tripod stand)  
**LK CMM 8.7.6**



**NIKON TMM MM800**



**Future tech  
Hardness FR-1E**



**Kosaga Roughness  
SE3500**



**Mitutoyo height  
gauge LH600**



**NIKON Digimatic MF-501**



**Thank You for Attention**