

**DX-200 TYPE**

**No.660-D Digital Reading Microscope, Model NRM-D-2XZ**

**Standard type**

- Measuring range:  
X-axis (Horizontal): 0 to 200 mm  
Z-axis (Rise and fall): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 290 x 45 mm
- Dimensions & weight: 38 x 19 x 35 cm, 8kg



**No.661-D Digital Reading Microscope, Model NRM-D-2XY**

**For reading X-Y axes plane coordinates**

- Measuring range:  
X-axis (Horizontal): 0 to 200 mm  
Y-axis (Back and forth): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 290 x 170 mm
- Dimensions & weight: 38 x 31 x 33 cm, 8.5kg



**No.662-D Digital Reading Microscope, Model NRM-D-2XYZ**

**For 3-dimensional measurements**

- Measuring range:  
X-axis (Horizontal): 0 to 200 mm  
Y-axis (Back and forth): 0 to 150 mm (custom-order available)  
Z-axis (Rise and fall): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 290 x 170 mm
- Dimensions & weight: 38 x 31 x 35 cm, 11kg



## X-500 TYPE

### No.666-D Digital Reading Microscope, Model NRM-5R-XZ

- Measuring range:
  - X-axis (Horizontal): 0 to 500 mm
  - Z-axis (Rise and fall): 0 to 150 mm (up to 500mm in option)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 650 x 65 mm
- Dimensions & weight: 71 x 30 x 35 cm, 20kg (Wooden box in option)



### No.666-DW Digital Reading Microscope, Model NRM-D-5R-XZw

(Convenient for comparative measurements)

- Measuring range:
  - X-axis (Horizontal): 0 to 500 mm
  - Z-axis (Rise and fall): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x: 2 pieces)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 650 x 65 mm
- Dimensions & weight: 71 x 30 x 35 cm, 25kg (Wooden box in option)



### No.668-D Digital Reading Microscope, Model NRM-D-5R-XYZ

(For 3-dimensional measurements)

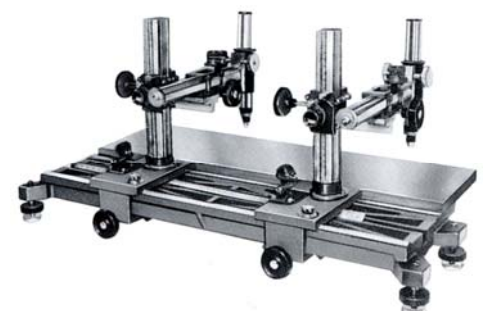
- Measuring range:
  - X-axis (Horizontal): 0 to 500 mm
  - Y-axis (Back and forth): 0 to 150 mm (custom-order available)
  - Z-axis (Rise and fall): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x: 1 piece)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 650 x 170 mm (custom-order available)
- Dimensions & weight: 71 x 30 x 35 cm, 25kg (Wooden box in option)



### No.668-DW Digital Reading Microscope, Model NRM-D-5R-XYZw

(With twin YZ measuring units)

- Measuring range:
  - X-axis (Horizontal): 0 to 500 mm (35 to 425 mm)
  - Y-axis (Back and forth): 0 to 150 mm (custom-order available)
  - Z-axis (Rise and fall): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x: 2 pieces)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 650 x 170 mm (custom-order available)
- Dimensions & weight: 71 x 30 x 35 cm, 32kg (Wooden box in option)



## X-1000 TYPE

### No.675-D Large Type Digital Reading Microscope, Model NRM-D-10XZ

(With micromotion unit by a large handle)

- Measuring range:
  - X-axis (Horizontal): 0 to 1,000 mm
  - Z-axis (Rise and fall): 0 to 150 mm (custom-order available)
- Minimum reading: 0.01mm, by digital scale
- Standard optical system: Microscope (25x, 50x)/Telescope (5.5x, 1.8m to infinity), dual use with cross line
- Stage size: 1,170 x 100 mm
- Dimensions & weight: 117 x 35 x 47 cm, 60kg



### No.675-S Large Type Digital Reading Microscope, Model NRM-S-10XZ

(High precision 0.001mm reading by a linear scale)

- Measuring range:
  - X-axis (Horizontal): 0 to 1,000 mm (min. 1/1000 mm)
  - Z-axis (Rise and fall): 0 to 150 mm (min. 1/100 mm) (1/1000 mm in option)
- Accuracy: Scale 5+5L, 0/1000μm/within 0.001mm
- Other specifications are the same as those above.



## COMPARATOR MICROSCOPE

### No.667 Comparator, Models NDC-3, NDC-5 and NDC-10

Using these models, you can observe and measure variation of objects by temperature in a furnace, temperature chamber, ultra low temperature cabinet, bio incubator, etc. through a window. The minimum reading is 0.01mm.

No.	667-3	667-5	667-10
Model	NDC-3	NDC-5	NDC-10
X-axis measuring range	40 to 210 mm	40 to 425 mm	0 to 850 mm
Z-axis measuring range	0 to 150 mm (custom-order available)		
Min. reading	0.01mm for X and Z axes		
Optical unit (2 sets)	4x, with cross line, normal image, No.669-L lens-barrel		
Dimensions & weight	48 x 19 x 32 cm, 12kg	71 x 30 x 35 cm, 25kg	117 x 35 x 46 cm, 65kg



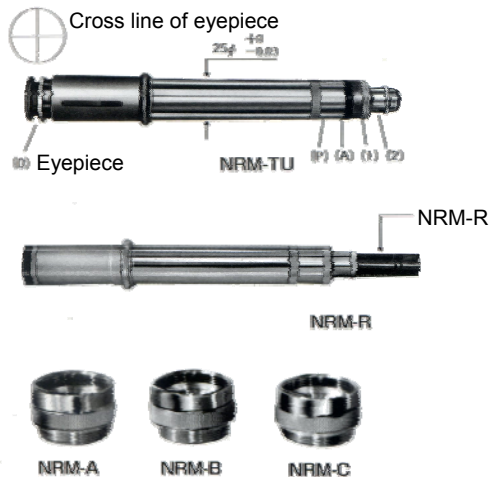
## ACCESSORIES FOR READING MICROSCOPES & CATHETOMETERS

### No.669-S Lens-Barrel, Model NRM-TU

This can be commonly used for Reading Microscopes and Cathetometers.

	Magnification	Distance	Viewfield	Lenses for use
Microscope	50x	25mm	2.9mm	O.P.A. 1.2.
	25x	50mm	5.3mm	O.P.A. 1.
Telescope	5.5x	1.8m to infinity (by extending an eyepiece), O.P.A.		

- NRM-R: This is an adapter to have a view from the side while the measuring surface is vertical.
- The following adapter lenses are available.  
No.669-A (NRM-A), No.669-B (NRM-B) and No.669-C (NRM-C).



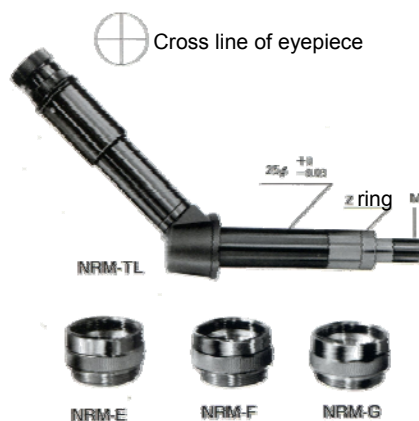
Combination	Distance
P A B C	150 to 180 mm
A B C	180 to 230 mm
P A C	230 to 300 mm
A C	280 to 460 mm
P A B	330 to 640 mm
A B	510 to 2,150 mm

### No. 669-L Inclined Microscope, Model NRM-TL

This is 45° inclined type microscope for easy observation and measurement sitting in a comfortable position. Using Z-ring, zooming focus is possible for 300mm to infinity. For focusing within 300mm distance, adapter lenses are used.

	Magnification	Distance	Viewfield	Focusing
Microscope	23x to 35x	26 to 33 mm	5.2 to 4.5 mm	Zooming & vertical motion rack & pinion
Telescope	4x	300mm to infinity		

- The following adapter lenses are available.  
No.669-E (NRM-E), No.669-F (NRM-F), No.669-G (NRM-G) and No.669-JR (NRM-JR, joint ring)



Combination	Distance
J E F G	50 to 70 mm
J E G	65 to 110 mm
J E F	75 to 135 mm
J E	100 to 210 mm
J F	135 to 450 mm
J G	185 to 750 mm



**Supplier:**

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