

# G Plan Apo 20X Objective

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A\$8,864<sup>.00</sup>

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Product Downloads

| General                                                        |               |
|----------------------------------------------------------------|---------------|
| 378-847                                                        | Model Number: |
| Compatible Tube Lens Focal Length (mm):<br>Focal Length: 200mm |               |
| Microscope Objective                                           | Type:         |
| Infinity Corrected                                             | Style:        |
| Mitutoyo                                                       | Manufacturer: |

| Physical & Mechanical Properties             |                                                 |
|----------------------------------------------|-------------------------------------------------|
| 65.60                                        | Length excluding Threads (mm):                  |
| 34                                           | Maximum Diameter (mm):                          |
| 270.00                                       | Weight (g):                                     |
| Optical Properties                           |                                                 |
| 3.5                                          | Compatible Cover Glass Thickness (mm):          |
| 0.32mm                                       | Horizontal Field of View, 1/2" Sensor:          |
| 0.44mm                                       | Horizontal Field of View, 2/3" Sensor:          |
| 10.00                                        | Focal Length FL (mm):                           |
| 20X                                          | Magnification:                                  |
| 0.28                                         | Numerical Aperture NA:                          |
| 1.0                                          | Resolving Power (μm):                           |
| 3.50                                         | Depth of Field (μm):                            |
| 1.20                                         | Field of View, 24 Diameter Field Eyepiece (mm): |
| 29.42 (30.60 through compatible cover glass) | Working Distance (mm):                          |
| 436 - 656                                    | Wavelength Range (nm):                          |
| 96.19                                        | Parfocal Length (mm):                           |
| N/A                                          | Immersion Liquid:                               |

Sensor

|      |                        |
|------|------------------------|
| 2/3" | Maximum Sensor Format: |
|------|------------------------|

Threading & Mounting

|              |                   |
|--------------|-------------------|
| M26 x 36 TPI | Mounting Threads: |
|--------------|-------------------|

Environmental & Durability Factors

|           |                             |
|-----------|-----------------------------|
| +5 to +40 | Operating Temperature (°C): |
| 20 - 80%  | Operating Humidity:         |

Regulatory Compliance

|                                  |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">View</a>             | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a> | REACH 241:                  |

Product Details

- Infinity Corrected, Plan Apochromatic Designs
- Can Observe Objects through 3.5mm Thick Glass
- Ultra-Long Working Distances
- Image into Vacuum Cells, Optical Traps, Cold Atoms

Mtutoyo Glass Thickness-Compensated Infinity Corrected Objectives are ideal for imaging through glass in a variety of [brightfield inspection microscopy applications](#), including inspecting LCDs, semiconductors, or flat screen television monitors, or for imaging into a vacuum. These G Plan APO objectives can also be used in a range of life science applications, such as imaging through a coverslip or mediums like agar, water, or nutrients. Mtutoyo Glass Thickness-Compensated Infinity Corrected Objectives feature excellent color reproducibility and a flat image surface over the entire field of view.

Technical Information

**G Plan Apo 20X**

**(Working distance):** Glass thickness 3.5mm

