



# Compare Tabletop products

TM4000 II / TM4000Plus II

**HITACHI**  
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| Model                    | Tabletop Microscopes<br>TM4000 II  Image : TM4000Plus II | Tabletop Microscopes<br>TM4000Plus II  |
|--------------------------|---|---|
| Magnification            | ×10 - ×100,000 (Photographic magnification)<br>×25 - ×250,000 (Monitor display magnification)   |   |
| Electron source          | Pre-centered cartridge tungsten filament  |   |
| Accelerating voltage     | 5 kV, 10 kV, 15 kV, 20 kV   |   |
| Image signal             | Backscattered electron (BSE)  | Secondary electron (SE)   |
|                          |   | Backscattered electron (BSE)  |
|                          |   | Mix (BSE+ SE)   |
|                          |   | UVD-CL<br>STEM*   |
| Vacuum mode              | Standard<br>Charging reduction<br>Conductor (BSE only)  |   |
| Sample stage traverse    | X : 40 mm<br>Y : 35 mm<br>T : -15 - 45°*<br>R : 360°*   |   |
| Maximum sample size      | 80 mm (in diameter)   |   |
| Maximum sample thickness | 50 mm   |   |
| Signal detector          | High-Sensitivity 4-segment BSE detector<br>High-Sensitivity Low-Vacuum SE detector  |   |
| Analysis system          | Energy Dispersive X-ray Spectrometer (EDS)*   |   |