

# TEM: Philips CM100 transmission electron microscope, PAA A071

## Specification

- tungsten filament
- 40 kV to 100 kV, 18× to 450k×
- resolution is currently about 4 nm

## Accessories

- Olympus Morada 11-megapixel digital camera: 14-bit, 9  $\mu\text{m}$ ×9  $\mu\text{m}$  cell, can acquire images up to 2672×3615 pixels; typical image at high magnification has a pixel size of 0.55 nm and the field of view is 1.46  $\mu\text{m}$ ×1.98  $\mu\text{m}$
- camera for 3¼"×4" plate film (seldom used)

