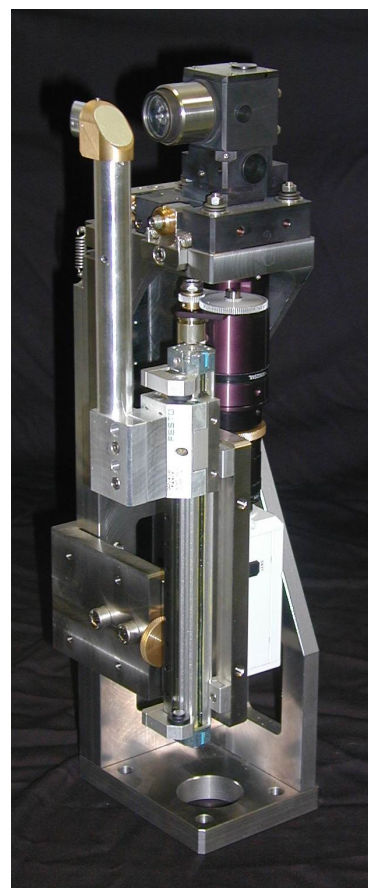
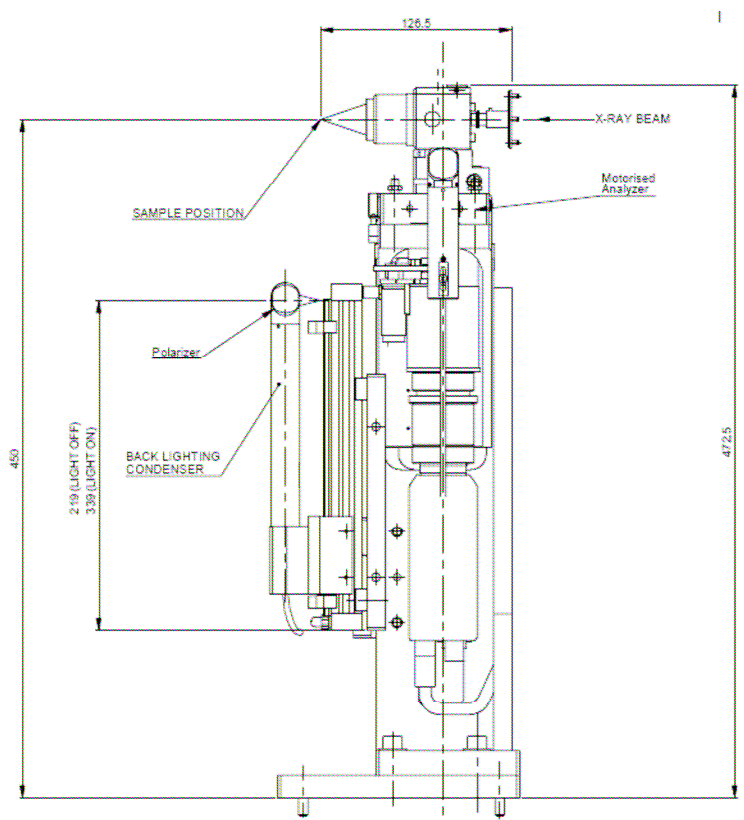


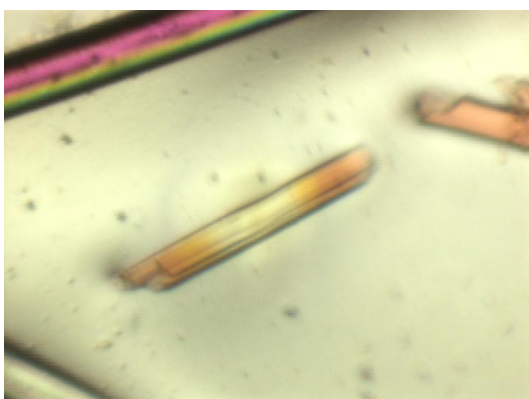
OAV - On beam Axis Video-microscope *

Preliminary, January 2006

The On beam axis video-microscope is primarily designed to **observe and align crystals with an x-ray beam** at macromolecular x-ray beamlines. Its unique and patented design allows, when associated with an x-ray scintillator the perfect alignment of micro crystals (See MD2M Diffractometer).



Main characteristics:



12µm needle (after exposure to x-rays)

- High resolution **drilled objective lens** (1mm hole, 31 mm WD, 0.28 N.A.)
- **12X motorised zoom**, FOV 1.8 x 1.5 mm@ Zoom min, 0.18 x 0.12mm @ zoom max
- **PAL colour camera** with full RS232 control (output 768x576 pixels)
- **Lighting condenser** with integrated **polarizer** mounted on a pneumatic translation stage
- Motorized **analyzer**

**Preliminary information, subject to change without notice*