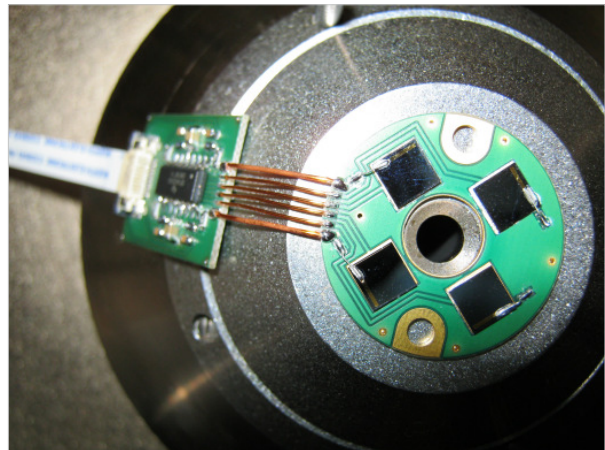
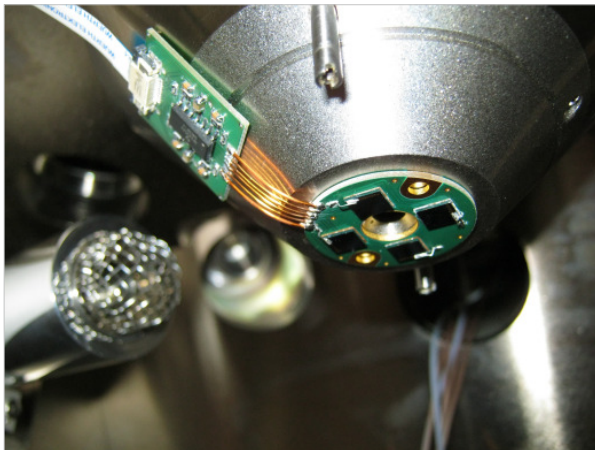


## 4Q-BSE Detection System

4 Quadrant BSE Solid State Detector with Video-Processor



- 4-quadrant detector with integrated pre-amplifier, mounted below the objective-lens
- 10-pin electrical feed-through
- USB-controlled video-processor with 4 inputs for the BSE-detector, 3 inputs for SE, CL, ...
- adjustment of brightness and contrast
- 8 step low-pass filter
- DISS5 software-module for video-processor control
- easy adjustment of Topo- and Compo-images in the DISS5 Channel Mixer
- simultaneous acquisition of the 4 separate BSE-signal
- optional live SEM Topography function in DISS5
- size of the detector: Ø 25 mm, h 1.2 mm
- size of the pre-amplifier: 22 x 18 mm