

Viewing screens



DANFYSIK

The Danfysik viewing screen range can be used to monitor beam profile in various places around an accelerator and is important for controlling beam width and transverse matching.

Particle beam spots are directly observed by interception on a scintillation screen and viewing the emitted fluorescence with a CCD camera.

- Various fluorescent materials available*: P43 (>2W), tantalum plate (>360W)
- Test LED for remote checking
- Integrated CCD camera and automated iris
- Pneumatic actuator for positioning in/out of beam
- Single and dual position actuators available
- Electronics suite available for service provision

* Other materials available on request

- VSC2 – remote service provider for lens iris, test LED and switched power provision
- Other services required by the viewing screen, such as image capture and screen actuator control, are provided separately – however bespoke, fully integrated units/architecture designs are available on request

Specifications are subject to change without notice.



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