

Multimode DLD 4242 – H9HV



Segmented High Voltage Delayline
Detector for Phoibos High Voltage
Electron Spectrometer 225

Features



- 2D detector and 9 channel detector in one
- In-situ mode switching without breaking of vacuum
- CF150 mounting flange
- Operation at base potentials ranging from zero up to -15 kV
- 42 x 42 mm² active area of DLD body and \varnothing 40 mm active MCP area (active area of 40 x 20 mm² in Phoibos Spectrometer)
- Up to 41 μ m of pixel size
- Up to 81 ps digital time bin resolution
- Linear response due to single event counting
- Extremely low dark count rate: < 5 cps
- Up to 3 MHz count rate in 2D mode
- Up to 50 MHz count rate in 9 channel mode

- For further information contact Surface Concept GmbH

