

## Multimode DLD 4242 – H9



Segmented Delayline Detector for  
Phoibos Electron Spectrometer  
100/150

### Features



- 2D detector and 9 channel detector in one
- In-situ mode switching without breaking of vacuum
- CF150 mounting flange
- 42 x 42 mm<sup>2</sup> active area of DLD body and  $\varnothing$  40 mm active MCP area (active area of 40 x 20 mm<sup>2</sup> in Phoibos Spectrometer)
- Up to 41  $\mu$ m of pixel size
- Up to 81 ps digital time bin resolution
- Linear response due to single event counting
- Extremely low dark count rate:  $\leq$  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