





## **Specifications**

SINGLE SHOT CARRIER-ENVELOPPE-PHASE MEASUREMENT

- ✓ Single-shot CEP measurement at multi-kHz repetition rates
- ✓ Real time data analysis and data logging
- ✓ Plug and play feedback with the Dazzler CEP module
- CEP measurement speed > 10 kHz
  Maximum laser repetition rate for single shot measurements > 100 kHz
  Measurement resolution 6 10 mrad
  Real time software analysis PSD, Statistics, Data-logging
  Hardware-only feedback, loop management by software.
  - Optical input requirements
    - o 5 to 15 interference fringes
      - On a 80 nm bandwidth centered between 800 and 900 nm
      - Or
      - On a 30 nm bandwidth centered around 510 nm
    - Fringes contrast >50%
    - *Entrance slit Energy 15-25*
      - 15-25nJ on the specified bandwidth

## $\checkmark$ Record CEP stabilization data with the Fringeezz / Dazzler loop

