4 channels TDC Module

Table-top 4 channel TDC:

- 4 stop + 1 start inputs,
- input connector: coaxial (LEMO),
- input level: NIM,
- digital time bin size (typ.): 27.4 ps,
- measurement range: 0 ns - 40 μs,
- start-retrigger frequency (min./ max.): 0 Hz/ 9 MHz,
- data transfer via USB 2.0
  (typical permanent read rate 30 - 35 Mbyte/ s),
- driver and documented user dll for Windows(R) 7 (32bit), Vista, XP, and 2000 systems, Linux (on request),
- LabView VI set and LabView example,
- power connection cable,
- data cable USB2.0

![Operation principle of TDC USB 2.0 Module](image)

![Typical Differential Non-Linearity (DNL) for TDC](image)