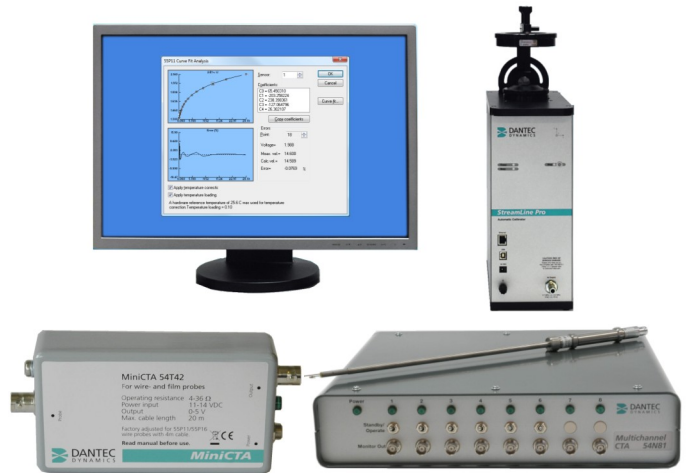


MiniCTA & Multichannel CTA System for Fast & Accurate Flow Investigation

MiniCTA is a single channel **Constant Temperature Anemometer** optimized for use with wire probes in air. The unit can be adjusted for use with probes suited for water applications.

Supporting a wide range of CTA probes the new **MiniCTA** is the perfect tool for simple and accurate measurements in both air and water applications.

The **Multi-Channel** versions of the **MiniCTA** offers a cost efficient solution for multi-point measurements.



MiniCTA Features:

- ✓ Portable, quick connection & easy handling
- ✓ Bandwidth ~10 kHz for wire probes in air.
- ✓ Up to 20 m cables can be used.
- ✓ One click acquisition, probe traversing, data conversion into velocity components & data reduction.
- ✓ Fast velocity calibration of single or multiple probes, including a certified calibration system for ensuring high accuracy.
- ✓ System configuration includes GUI anemometer, probe, probe support & A/D channel connections.

MiniCTA Application:

- Flow velocity and turbulence measurements.
- For applications in air (> 100 m/s) and in water (~ 2 m/s).
- Educational, industrial and scientific applications.
- The unit can be adjusted with fiber/film probes for water application.
- Multipoint measurements in e.g. boundary layer studies or in studies of coherent structures.

MiniCTA & Multi-Channel CTA Specification:

Adjustable hot-resistance range	4 - 36 Ohm (adjustable via dip-switch)
Probe cold resistance	Max. 20 Ohm (wire & fibre/film probes)
Bandwidth (wire probe)	10 KHz at 50 m/s (for air application)
Bridge ratio	1:20
Output low-pass filters (-3dB)	1 KHz, 3 KHz, 10 KHz, OFF (approx. 50 KHz)
Maximum probe current	300 mA

Jost's Engineering Company Limited

• Bengaluru • Chennai • Delhi • Kolkata • Mumbai • Pune • Secunderabad • Vadodara

For more information and price please Email to marketing@josts.in

Diverse Technology... Integrated Approach

23-08-2019 CTA V-1.3