

# CaptiFlex® Leading Edge C-BA-4P-1A-1T series for wall measurement in flow (acoustic, pressure ...)

## Main advantages:

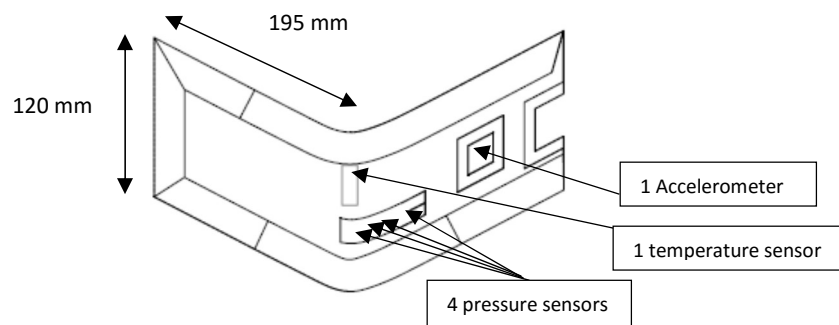
- “Stick & Measure” concept
- Houses different kinds of sensors (accelerometer, pressure, temperature)
- Low immobilisation of your specimen
- Flexible support : Ideal for flight test, wind tunnel, automotive application
- Flush sensors



Ref: C-BA-4P-1A-1T-series

- High performances for flight test applications (transonic ; aerobatics)
- Fast installation onto your structure without damage

## CaptiFlex® Technology is patented



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## Made to measure under specifications

### Main technical specifications (other specifications, contact us):

- Sensors: 4 Endevco 8515C, 1 PT 100, 1 Endevco 25A
- For setting up to leading edge of business aircraft ( $\phi=18\text{mm}$ )
- Pressure min/max : 250hPa (3.6PSI) /1500hPa (21.7PSI)
- Temperature min/max :  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ )/ $+80^{\circ}\text{C}$  ( $176^{\circ}\text{F}$ )
- Load factor min/max :  $-1\text{g}/+5\text{g}$
- Max speed & max altitude : M0.92 (Transonic), 420 Kts, 40 000'
- Roughness Ra 0.4 $\mu$
- Waterproof against water projection
- Shield

### Instruction for use:

- In workshop, pressure sensors are set up on a specific support in order to be flushed and to be decoupled from the structure.
- Vibration sensoris directly stuck onto the structure and connected to the cable way after sticking CaptiFlex™

### Accessory/ Options:

- LMSM could add a connector to the sensor wires and could shield them
- Combined with TransiFlex, sensor wire installation is quicker and increases quality measurement
- Specific support for sensor

How to Order: [lamesuresurmesure@orange.fr](mailto:lamesuresurmesure@orange.fr)

Contact our specialist at + 33 6 30 80 85 66

42 avenue Paul Cézanne 13090 Aix-en-Provence France

