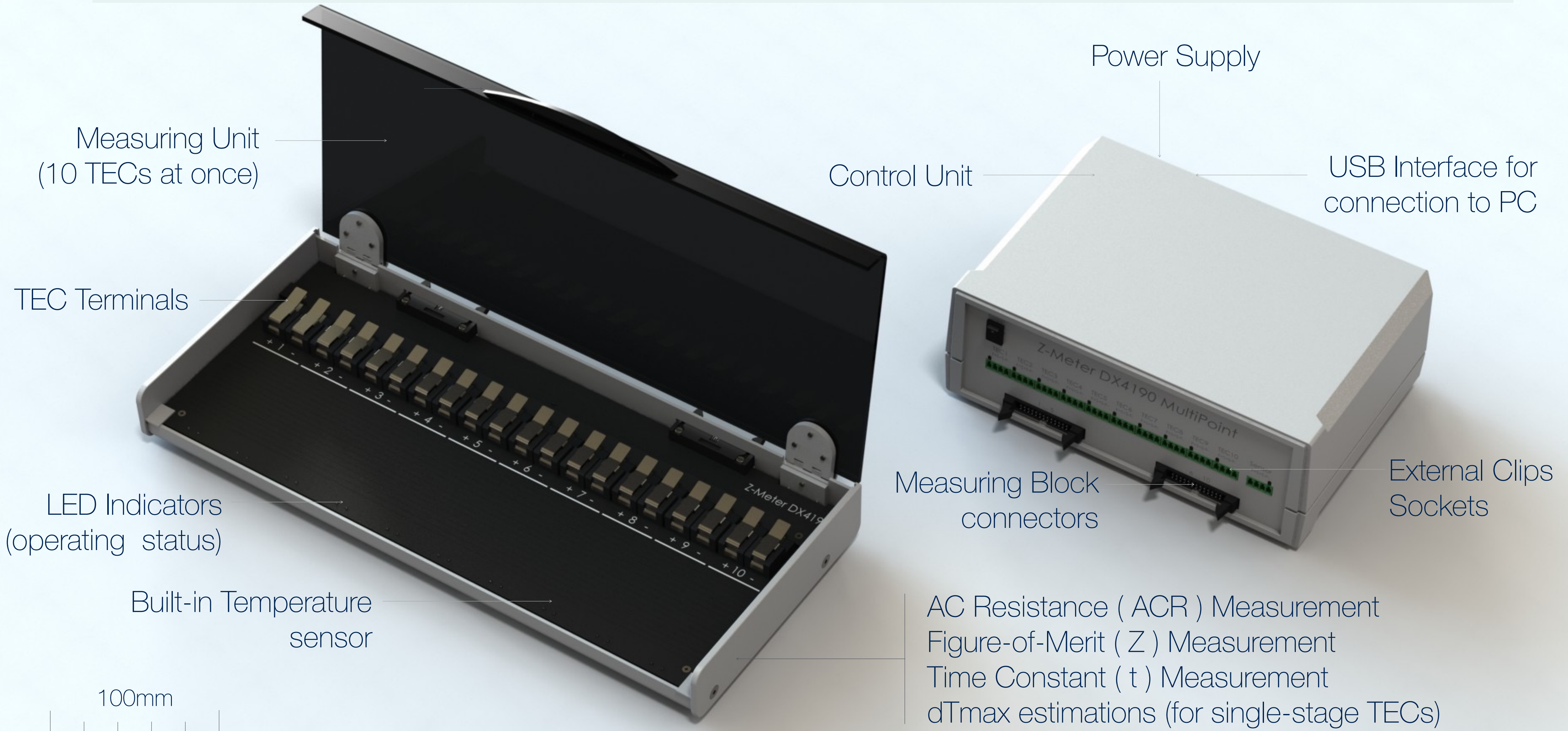




DX4190 10-pos Z-Meter





DX4190 Z-Meter

Specifications

| DX4190 10-POS Z-METER SPECIFICATIONS | | |
|--|---------|--|
| Connection to PC | | Required |
| PC Connection Interface | | USB type B |
| Z-Meter Software | | Included. Windows version only |
| Measurement Interface | | Internal in Chamber or External with Clips |
| Measurement Scheme | | 4-wires method |
| Ambient Temp. Sensor | | Available, integrated |
| TEC Polarity Check | | Available |
| Typical TEC Testing Time | sec | 20 .. 180 (depending on TEC size) |
| TEC AC RESISTANCE MEASUREMENTS (ACR) | | |
| Range | Ohm | 0.1 .. 100 |
| Accuracy | % | 0.6 (but >0.01Ohm) |
| Repeatability | % | 0.3 |
| FIGURE-OF-MERIT MEASUREMENTS (Z) | | |
| Range | 10E-3/K | 1 .. 4 |
| Accuracy | % | 1.5 |
| Repeatability | % | 0.4 |
| TEC TIME CONSTANT | | |
| Range | sec | 1 .. 100 |
| Accuracy | % | 1.5 |
| Repeatability | % | 1 |

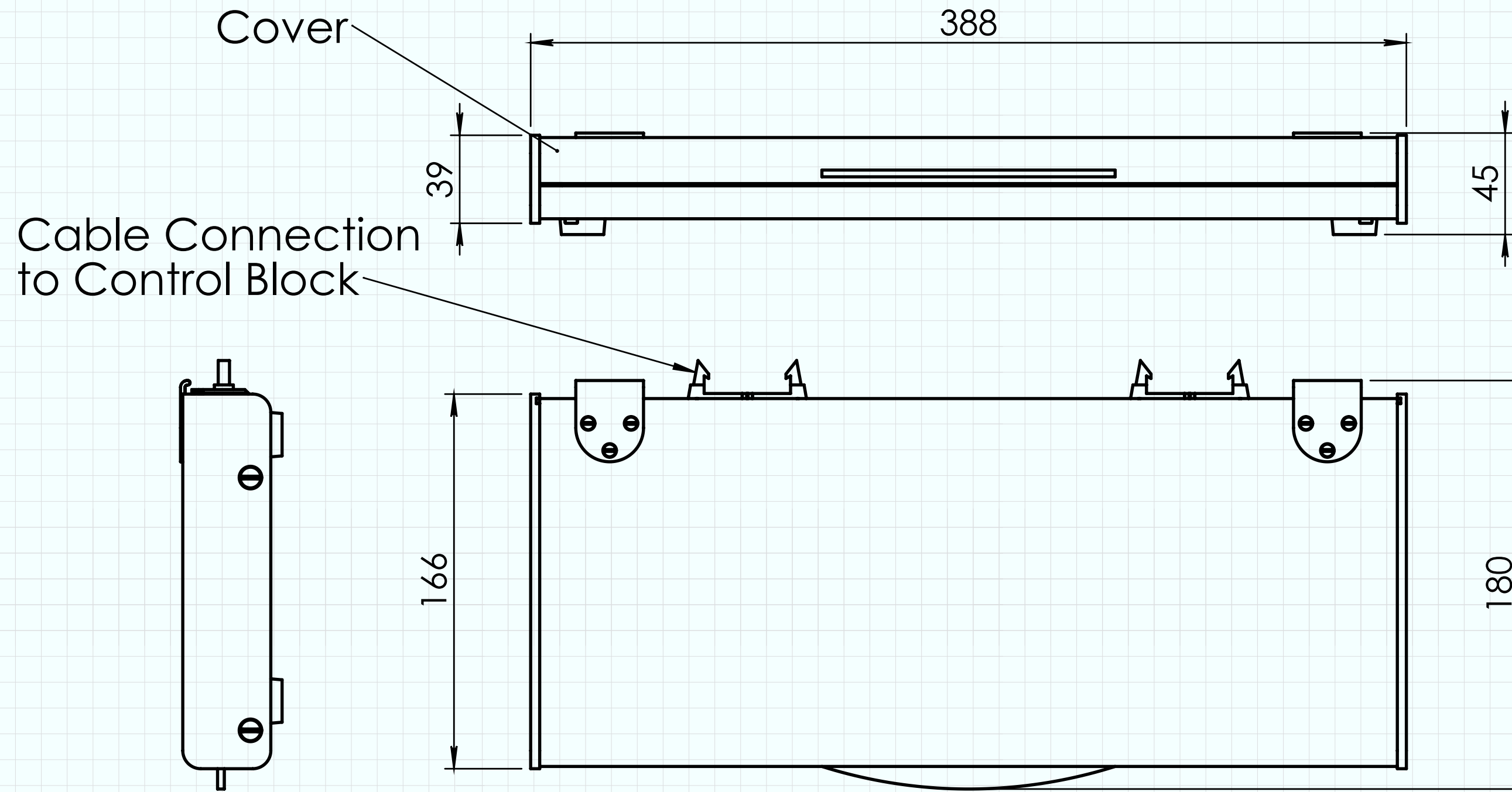
| OPERATING CONDITIONS | | |
|---|-------|--|
| Ambient Temperature | °C | 15 .. 35 |
| Humidity | % | 0 .. 95 |
| DX4190 POWER SUPPLY | | |
| AC Voltage | V | 85 .. 260 |
| Frequency | Hz | 47 .. 63 |
| Current | A | 0.35A/115VAC |
| DIMENSIONS AND WEIGHT | | |
| Main Block | mm | 235 x 180 x 90 |
| Main Block Weight | kg | 1.1 |
| Testing Block | mm | 388 x 180 x 44 |
| Testing Block Weight | kg | 1.6 |
| STANDARD DX4190 KIT | | |
| Main Block | 1pcs | Can be used separately (w/o measuring block) |
| Testing Block | 1pcs | Can be used only connected to Main Block |
| Terminal Cables | 2pcs | Connection between Main and Measuring Blocks |
| Power Cable | 1pcs | Standard EU socket type |
| USB Cable | 1pcs | USB SCUAB 1.5m lenght |
| Z-Meter Software | | MS Windows version only |
| External Clips | 10pcs | 10x Kelvin Clips 4-wires scheme |
| OPTIONAL ACCESSORIES (ORDERED SEPARATELY) | | |
| BNC Adapter | | Allows to use BNC tools with Z-Meter |
| Customized WB Clips | | Required for WB TECs measuring process |



DX4190 10-pos Z-Meter

Dimensions (mm)

DX4190 Measuring Block



DX4190 Control Block

