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Find the *Millar TC-510* at our website: ***Click HERE***

TC-510 Pressure Control Unit



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TC-510 Pressure Control Unit

The TC-510 Pressure Control Unit a passive interface between the Millar Mikro-Tip catheter pressure transducer and strain gauge pressure monitors which supply bridge excitation voltage and have balance and calibration controls for full-bridge strain gauge pressure transducers. The TC-510 has an internal calibration circuit to provide an electrical zero as well as a 100 mmHg calibration signal. The output connector is a standard 9-pin sub-D. A separate monitor interface cable is required.

Pressure Control Unit Ordering Information

Model Number	Part Number	Number of Channels	Input Connector Type	Isolated Input/Output	Output Connector Type
TC-510	851-5918	One	Viking	No	9 pin sub-D

NOTE: Viking connectors are round with 4 pins.

Mikro-Tip Catheter Pressure Interface Cables

Mikro-Tip Pressure Catheters are provided with either Viking (4-pin) or Millar Low Profile (4-pin) connectors depending on the model purchased. Catheter models with Viking connectors may connect directly to the TC-510. Connecting the catheter with a Viking connector directly to the control unit limits access to the subject or patient. It is recommended that a TEC-10C interface cable be used between the catheter and control unit. All catheters with low profile pressure connectors require a TEC-10D interface cable to the control unit. Each pressure channel requires a separate interface cable and control unit.



Viking Connector (TEC-10C)

Low Profile Connector (TEC-10D)

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Adapter/Interface Cable Ordering Information

Cable Model	Part Number	Cable Length	Catheter End Connector Type	Control Unit Connector Type
TEC-5C	850-1118	5 ft. (152 cm)	Viking	Viking
TEC-10C	850-1108	10 ft. (304 cm)	Viking	Viking
TEC-10D	850-1308	10 ft. (304 cm)	Low Profile	Viking

NOTE: Viking connectors are round with 4 pins. Low Profile connectors are flat with 4 pins. The above flexible cables facilitate maneuvering the catheter during recording. They may be sterilized and permit connection of a catheter to a Pressure Control Unit located outside the sterile field.

TC-510 Pressure Control Unit Output Cable

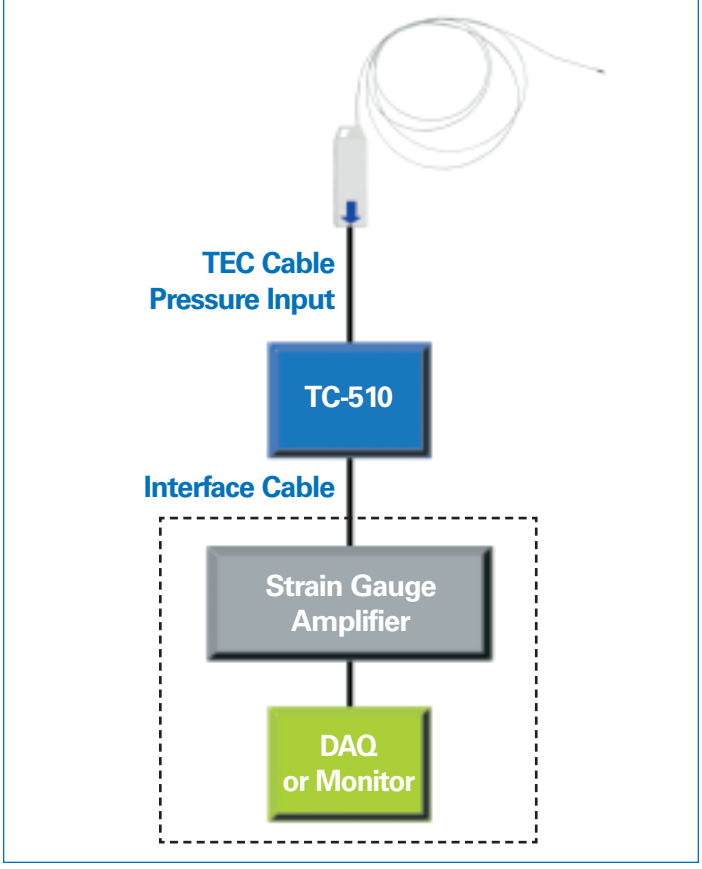
Cable Model	Part Number	Cable Length	Control Unit Connector Type	Monitor Connector Type
TC-510 Output Monitor Cable	850-3008	6.5 ft. (198 cm)	9 pin sub-D	Open ended, not wired

NOTE: A selection is available from Millar of other TC-510 output cables that are wired for a variety of monitor and recorder inputs. Please contact our Customer Service Department for availability.

When ordering please specify the following:

- Data Acquisition System/Recorder/Preamp/Coupler manufacturer. Example: Hewlett Packard
- Preamp/Coupler models. Example: 8805D
- Specify Connector and pin-out. Example: Hewlett Packard TWINAX or Cannon WK6-21C
- Indicate if an intermediate connector panel, i.e., “patch panel,” is to be used with the recorder.

TC-510 connectivity



World Headquarters

Millar Instruments, Inc.
6001-A Gulf Freeway
Houston, Texas 77023-5417 USA
Phone: 832-667-7000 or 800-669-2343 (in the USA)
Fax: 832-667-7001
Email: info@millarmail.com
Web site: www.millarinstruments.com

Millar Worldwide Distribution

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Authorized Representative for the European Community

BOSA S.p.A.
Via Sardegna n°61
20146 Milano
Italy
Telephone: +39-02-48011-693
Fax: +39-02-468564
Email: bosaspa@tin.it

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