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Find the *Millar TEC-10C* at our website: ***Click HERE***

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Millar®

Sensors.Systems.Solutions.®

TEC Series Cables

Models TEC-5C/10C, TEC-10D

Instructions for Use

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Millar Limited Warranty

Millar Instruments, Inc. (Millar) warrants all of its cables to be free from defects in workmanship and materials at the time of shipment to the original purchaser.

Millar hereby excludes all warranties not herein stated, whether express or implied by operation of law or course of dealing or trade usage or otherwise, including but not limited to any implied warranties of fitness or merchantability.

Since handling, storage, cleaning and sterilization of the product, as well as factors relating to patient diagnosis, treatment, catheterization procedures, and other matters beyond Millar's control, directly affect the product and the results obtained from its use, Millar shall not be liable for any incidental or consequential loss, damage, or expense arising directly or indirectly from the use of this product.

Specifications subject to change without notice.

Definition of Symbols


Attention, consult accompanying documents


Date of Manufacture

REF Catalog Number

SN Serial Number

LOT Batch Code


EU Declaration of Conformity


Waste Electrical and Electronic Equipment

Device Description

The TEC series of cables are designed as an interface between Millar Mikro-Tip® catheters, and Millar pressure control units Model TC-510. The suffix "C" references catheters with a round viking connector and the suffix "D" references catheters with a flat low profile connector.

Cleaning

Wipe the cable and connectors clean with a soft wet gauze or tissue. If extremely dirty, the cable may be soaked in a solution of Alconox® or other mild detergent.

CAUTION: DO NOT immerse the electrical connector.

Method of Sterilization for Extension Cables

CAUTION: DO NOT sterilize by autoclaving, radiation (gamma or e-beam), plasma, peroxide or formaldehyde vapor solutions.

Cables must be completely cleaned and dried before sterilization. Aeration may be performed at room temperature or in a heated aeration (max. 145 ºF, 63 ºC) cabinet. Cables should be placed in a breathable polyethylene pouch (e.g., 3M™ Steri-Lok™).

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Ethylene Oxide Sterilization Cycle Parameters

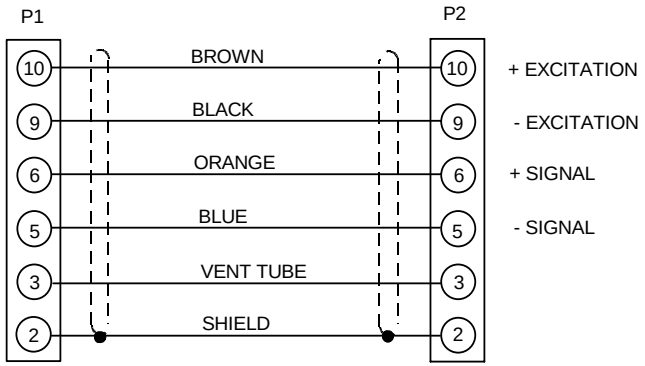
Preheat phase:	Starting Temperature 110 ºF (43ºC) min.
	Duration 30 minutes
Initial Vacuum:	6.0 inHgA (20.3 kPa)
	Rate: 3 minutes
Nitrogen Flush: 2 cycles	
Nitrogen Addition to:	28.0 ± 0.5 inHgA (94.8 ± 1.7 kPa)
Rate:	1.4 ± 0.5 inHgA/min. (4.7 ± 1.7 kPa/min.)
Evacuation:	6.0 ± 0.5 inHgA (20.3 ± 1.7 kPa)
Rate:	1.0 ± 0.5 inHgA/min. (3.4 ± 1.7 kPa)
Conditioning	
Humidification:	1.5 ± 0.5 inHgA (5.1 ± 1.7 kPa)
Steam Conditioning:	10 min.
Humidity Dwell:	30 ± 5 min. at 7.5 ± 0.5 inHgA (25.4 ± 1.7 kPa)
Relative Humidity:	15-70%
Ethylene Oxide Concentration:	500 ± 50 mg/L
Dwell Pressure:	16.5 ± 1.0 inHgA (55.8 ± 3.4 kPa)
Dwell Time:	2 hours
Temperature:	110-130 ºF (43-54 ºC)
Relative Humidity:	30-70% (35-44% nominal)
After Vacuum	
Vacuum:	6.0 ± 0.5 inHgA (20.3 ± 1.7 kPa)
Rate:	1.0 ± 0.5 inHgA/min. (3.4 ± 1.7 kPa)
Vacuum Hold:	10 min.
Gas Wash A:	4 cycles (minimum)
Release:	30.0 inHgA/min. (94.8 ± 1.7 kPa)
Rate:	1.4 ± 0.5 inHgA/min. (4.7 ± 1.7 kPa)
Vacuum	6.0 ± 0.5 inHgA (20.3 ± 1.7 kPa)
Rate:	1.0 ± 0.5 inHgA/min. (3.4 ± 1.7 kPa)
Release (Filtered Air):	28.0 ±0.5 inHgA (94.8 ± 1.7 kPa)
	Rate: 2.0 ± 0.5 inHgA/min. (6.6 ± 1.7 kPa)
Aeration (Hot Cell)	
Duration:	At least 8 hours
Temperature:	110 ± 10 ºF (43 ºC)

CAUTION: Cables should not be used earlier than 5 days after sterilization.

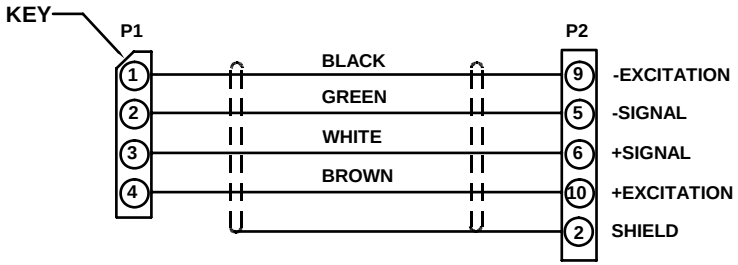
Routine Inspection

Conductive liquid entering the cable connectors can cause erratic operation and possible corrosion of wires within the connectors. The connector pins should be routinely inspected for corrosion.

Schematics



TEC-5C/10C



TEC-10D

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