





**TURO T-903**

**WINCH**

**OPERATOR'S MANUAL**

TURO TECHNOLOGY PTY LTD

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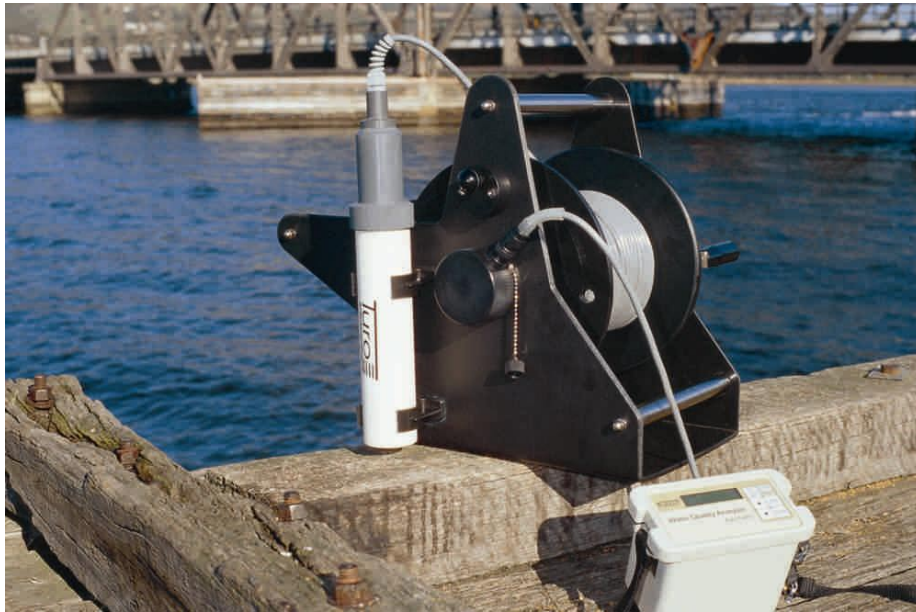
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## **CONTENTS**

<b>1. DESCRIPTION.....</b>	<b>1</b>
<b>2. HANDLE .....</b>	<b>2</b>
<b>3. CABLE INSTALLATION.....</b>	<b>2</b>
<b>4. CANISTER INSTALLATION.....</b>	<b>3</b>
<b>5. SLIP RING CONNECTOR.....</b>	<b>3</b>
<b>6. DRUM LOCK .....</b>	<b>4</b>

## 1. Description

The T-903 Winch is designed for use with Turo Water Quality Analysers.



Features:

- Corrosion resistant stainless steel and tough high impact polyethylene construction.
- 100 metre cable capacity.
- Slips rings for continuous operation.
- All electrical connections water resistant.
- Optional cable connector configurations for use with other instruments.

## 2. Handle

The Winch handle needs to be fitted to the crank. Packed with the stainless steel and plastic revolving handle is one stainless steel washer, one M10 stainless steel narrow nut and one allen key.

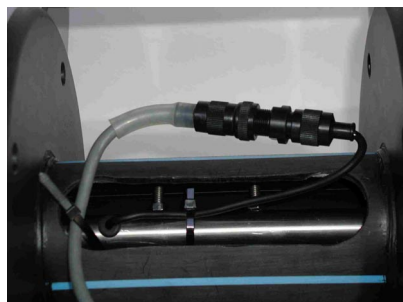
Insert the revolving handle into the crank arm, put the washer on then use the allen key to tighten the nut.



## 3. Cable Installation

Before the cable is wound onto the drum it has to be connected to the short cable inside the drum hub.

First pass the probe connector through the loose cable tie inside the drum. Connect this cable to the connector on the short cable inside the drum. Tighten the cable tie so that it will hold the cable firmly to the stainless steel shaft inside the drum. This will function as a safety fixture to prevent the possibility of the cable pulling out when it is completely unwound.



## 4. Canister Installation

Two clips on the side of the T-903 winch can hold a Turo Water Quality Analyser canister.

Push the canister into the clips. This may require a very firm push.



## 5. Slip Ring Connector

Use the interconnect cable to connect the user equipment (usually a Turo Water Quality Analyser Reader/Logger Unit or a user computer system) to the Winch slip ring.



## 6. Drum Lock

Use the drum lock to prevent the drum from accidentally turning.

Push the lock in to engage it into one of the 4 lock positions on the drum cheek. Pull the lock out to free it.

