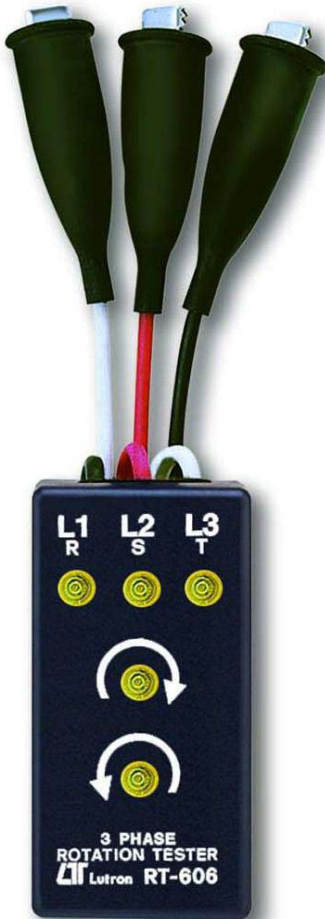


3 PHASE ROTATION TESTER

Model : RT-606

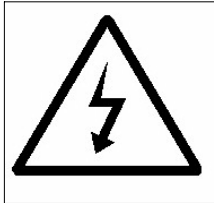


Your purchase of this ROTATION TESTER marks a step forward for you into the field of precision measurement. Although this TESTER is a complex and delicate instrument, its durable structure will allow many years of use if proper operating techniques are developed. Please read the following instructions carefully and always keep this manual within easy reach.



OPERATION MANUAL

Caution Symbol



Caution :

- * Do not touch the alligator clips by hand when make the measurement !
- * Risk of electric shock !



Caution :

- * Do not apply the voltage > 660 ACV to the input terminal !
- * Remove test alligator clips before make the fuse replacement!
- * Cleaning - Only use the dry cloth to clean the plastic case !

Environment Conditions

- * Installation categories III, 660 Vac.
- * Pollution Degree 2.
- * Altitude up to 2000 meters.
- * Indoor use.
- * Relative humidity 80% max.

TABLE OF CONTENTS

1. SPECIFICATIONS.....	1
2. FRONT PANEL DESCRIPTION.....	2
2-1 Alligator clips.....	2
2-2 L1-L2-L3 indicator.....	2
2-3 Clockwise indicator.....	2
2-4 Counter clockwise indicator.....	2
3. OPERATION PROCEDURES.....	3
4. MAINTENANCE.....	5
4-1 Replacement of Fuse.....	5
4-2 Cleaning.....	5
5. THE ADDRESS OF AFTER SERVICE CENTER	6

1. GENERAL SPECIFICATIONS

Signal Input Voltage	100V AC up to 660 AC maximum, 3 min. limit for over 500V AC.
Signal Current Consumption	Approx. 7 mA per phase.
Signal Freq. Range	<i>Motor rotation tester :</i> 45 to 70 Hz.
Power Supply	None
Circuit Structure	Electronic (not mechanical).
Operating Temperature	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80% RH.
Dimension	100 x 50 x 25 mm. 3.9 x 1.9 x 1.0 inch.
Weight	150 g/0.33 lb.
Fuse Rating	250 mA/250 V.
Standard Accessories	* Operational manual..... 1 PC * 40 cm length test lead with alligator clip..... 3 PCs

2. FRONT PANEL DESCRIPTION

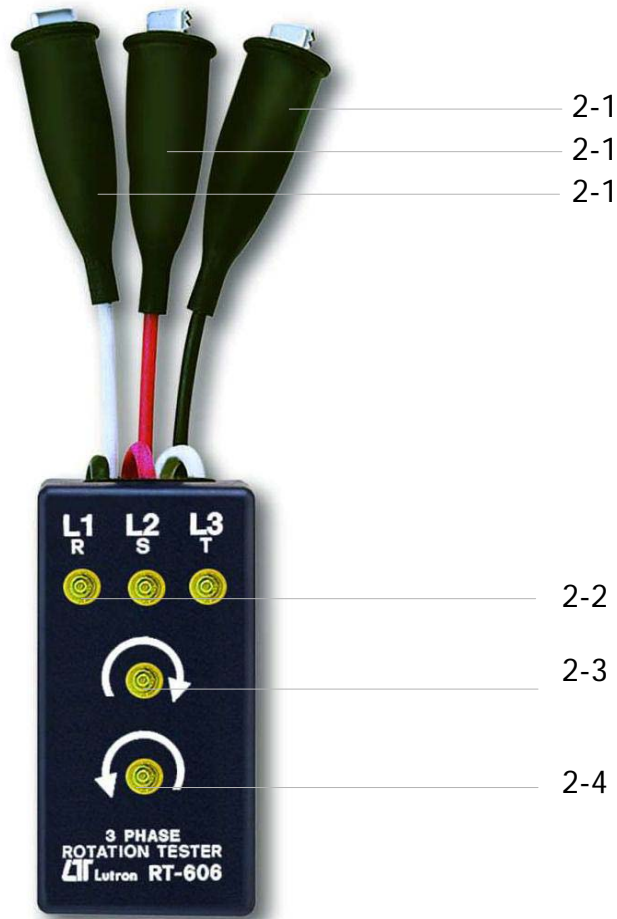


Fig. 1

- 2-1 Alligator clips
- 2-2 L1-L2-L3 indicator
- 2-3 Clockwise indicator
- 2-4 Counter clockwise indicator

3. OPERATION PROCEDURES



Caution :

- * Do not touch the alligator clips by hand when make the measurement !
- * Risk of electric shock !



Caution :

- * Do not apply the voltage > 660 ACV to the input terminal !

OPERATING INDICATOR INSTRUCTION		
CLOCKWISE (CORRECT)	LIGHT 	L1 L2 L3
COUNTER CLOCKWISE (CORRECT)	LIGHT 	L1 L2 L3
L1 NO CONNECT (INCORRECT)	LIGHT 	L1 L2 L3
L2 NO CONNECT (INCORRECT)	LIGHT 	L1 L2 L3
L3 NO CONNECT (INCORRECT)	LIGHT 	L1 L2 L3
Remark	Light ON = Light OFF =	

table 1

- 1) Plug in the test leads into the " 3 phase rotation tester input terminal " (2-1, Fig. 1)
- 2) Connect alligator clips of the test leads to the 3 phase AC power source.
- 3) The tester will show the status & the " Rotation direction " of 3 phase lines, refer table 1.

4. MAINTENANCE



Caution :

- * **Remove test leads before make the fuse & battery replacement. !**
- * **Cleaning - Only use the dry cloth to clean the plastic case !**

4-1 Replacement of Fuse

- 1) Fuse is used for the input protection of " 3 Phase Rotation Tester "
- 2) It is necessary to replace the fuse when lamp indicator of L1 or L3 show no connection status, then please check if the fuse is broken ?
- 3) Open the housing case by loosening the screws, replace the fuse with :

Rating : 250 mA/250 V, Size : 5 mm dia. x 20 mm

- 4) Reinstall the housing box again.

4-2 Cleaning

- 1) Do not take any cleaning action while the testing.
- 2) When cleaning, do not wipe with the wetting material.

5. THE ADDRESS OF AFTER SERVICE CENTER

