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CONTACT TACH. : 2.5~19,999 RPM
SURFACE SPEED: 0.05~1,999.9 m/min
0.2~6,560 ft/min

Resolution:
TACHOMETER:
0.1 RPM (2.5 ~ 999.9 RPM)
1 RPM (over 1,000 RPM)
SURFACE SPEED:
0.01m/min (over 10m/min)
0.1 m/min (over 100m/min)
0.1 ft/min (0.1 ~ 999.9 ft/min)
1 ft/min (over 1,000 ft/min)

Accuracy : TACH.: ±(0.05%+1 RPM)
SURFACE SPEED:±(0.05%+0.1m/min)

Sampling Time :
PHOTO TACH. (1 sec. over 60 RPM).
CONTACT TACH. (1 sec. over 15 RPM)

Photo Tach. Detecting distance :
50 to 150mm / 2 to 6 inch. (typical max. 300mm/12 inch

Test range select : Automation
Battery : 4x1.5AA (UM-3) battery .
Operation temp. : 0-50℃(32-122℉).
Size : 215x74x32mm (8.5 x2.9x1.3inch).
Weight : 280g/0.6 1b (including batteries)
Memory :Last Value, Max. Value, Min. Value.

3.FRONT PANEL DESCRIPTIONS

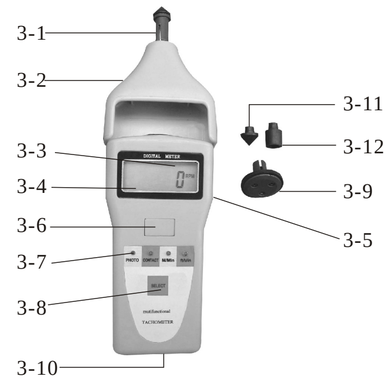

Fig. 1

3-1 Rotating ring
3-2 Photo/Contact converter
3-3 Monitor indicator
3-4 Display
3-5 Measure button
3-6 Memory call button
3-7 Function indicator

6. SURFACE SPEED MEASUREMENT

6- Push Memory button and meanwhile depress select key to light M/Min LED or ft/Min. LED.
6-2Depress the MEASURE BUTTON and simply attaching the surface speed test wheel to the detector. Release the MEASURE BUTTON when the reading stabilizes.

7. MEMORY CALL BUTTON OPERATION

7-1 A readout (the last Value, max. Value, min. Value) obtained immediately before releasing the MEASURE BUTTON is automatically memorized. For example, please ref. following fig. 2.

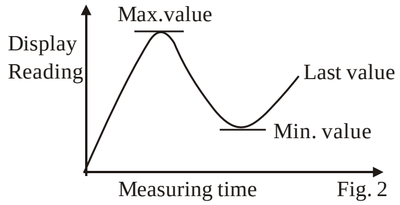

Fig. 2

7-2 That memorized values can be displayed on the indicator by turn when
A. First push-To display the last value: “LA” and “ the last value” will be displayed by turn.

B. Second push-To display the max. Value: “UP” and “the max.Value” will be displayed by turn.
C. Third push -To display the minimum value: “dn” and “the min. Value” will be displayed by turn.

8. BATTERY REPLACEMENT

(1) When it is necessary to replace the battery, i.e. battery voltage less than approx. 5v, symbol “- +” will appear on the Display.
(2) Slide the battery cover (Fig.1,3-10) away from the instrument and remove the batteries.
(3) Install the batteries (4x1.5VAA / UM-3) correctly into the case.
(4) If the instrument is not to be used for any extended period, remove batteries.

9. ACCESSORIES :

Carrying case.....1pc.
Reflective tape marks (350mm).....2pc.
RPM adapter (CONE).....1pc.
RPM adapter (FUNNEL).....1pc.
Surface speed test wheel.....1pc.
Operation manual.....1pc.

3-8 Select key
3-9 Surface speed test wheel
3-10 Battery Compartment
3-11 RPM adapter (Cone)
3-12 RPM adapter (Funnel)

4. PHOTO TACH. MEASURING PROCEDURE

4-1. Push Memory button and meanwhile depress select key to light PHOTO LED.
4-2. Apply a reflective mark to the object being measured. Depress the MEASURE BUTTON and align the visible light beam with the applied target. Verify that the “MONITOR INDICATOR lights when the target passes thru the light beam. Release the MEASURE BUTTON when the reading stabilizes (about 2 seconds). If the test RPM less than 50 RPM, suggest to attach more “REFLECTIVE MARKS” averagely. Then divided the reading shown by the number of “REFLECTIVE MARKS” is the real RPM to get high resolution & stability on display reading.

5.CONTACT TACH. MEASURING PROCEDURE

5-1 Push Memory button and meanwhile depress select key to light CONTACT LED.
5-2 Depress the MEASURE BUTTON and lightly pressing the rotating ring against the center hole on the rotating hole. Release the MEASURE BUTTON when the reading stabilizes (approx. 2 seconds.)

DIGITAL PHOTO/CONTACT TACHOMETER

This PHOTO/CONTACT TACHOMETER is small in size, light in weight, easy to carry. Although complex and advanced, it is convenient to use and operate. Its ruggedness will allow many years of use if proper operating techniques are followed. Please read the following instructions carefully and always keep this manual within easy reach.

Landtek200211-2858

1.FEATURES

* Multifunctional, one instrument combines PHOTO TACH. (RPM) & CONTACT TACH. (RPM, m/min, ft/min).
* Wide measuring range.
* The last Value / max. Value / min. Value will be automatically stored in memory and can be obtained by pressing MEMORY CALL BUTTON .
* High visible, insignificant zero suppression LCD display gives exact rpm with no guessing or errors and saves battery energy.
* This tachometer used the exclusive one chip MICROCOMPUTER LSI-circuit and crystal Time base to accurately offer the high accuracy measurement.
* The use of durable, long-lasting components, including a strong, light weight ABS-plastic housing assures maintenance free performance for many years. The housing has been carefully shaped to fit comfortably in either hand.

2.SPECIFICATIONS

Display : 5 digits, 10mm (0.4″) LCD (Liquid Crystal Display)
Measurement range :
PHOTO TACH.: 2.5~99,999 RPM