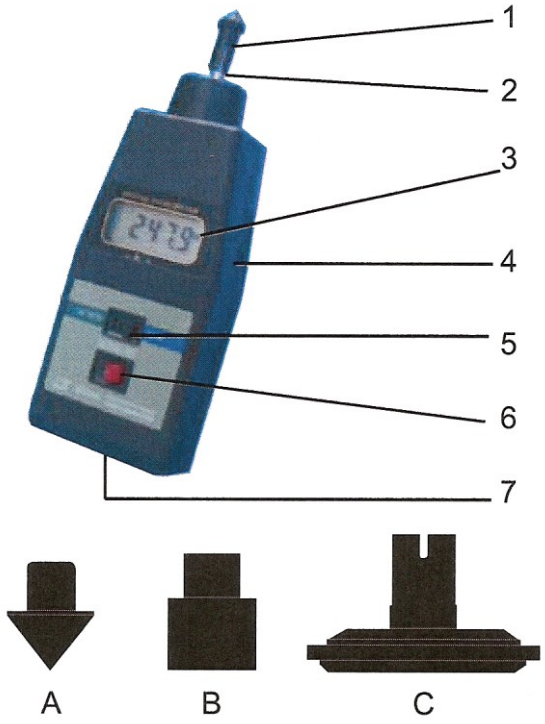
This Digital Touch Tachometer provides accurate measurement of spindle speeds in RPM and surface speed in m/min
Clear LCD Display
5 x 10mm high digits
Sampling time: 1 sec. (over 15 rpm)
Memory: Last value, Max value, Min value
Time Base: Quartz crystal
Circuit: Single chip microprocessor, LSI chip
Power: 4 x 1.5v AA batteries
Power consumption: Approx. 80mA during operation
Operating Temperature: 0 - 50°C
Size: 190 x 72 x 37mm
Weight: 280g (including batteries)

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
59-800-838	Digital Touch Tachometer	746	135	80	255



1 Adaptor Holder
2 Rotating Spindle
3 Display Panel
4 Measure Button
5 Function Switch
6 Memory Button
7 Battery Cover

A Rubber Cone (internal fitting)
B Rubber Wheel (external fitting)
C Surface Speed Wheel

Method	Range	Resolution	Accuracy
Rotation / rpm	2.5 - 19,999 rpm	0.1 rpm for 0.5 – 999.9 rpm 1 rpm over 1000 rpm	±(0.05% + 1rpm)
Surface / m/min	0.05 – 1,999.9 m/min	0.01 m/min for 0.05 – 99.99 m/min 0.1 m/min over 100 m/min	±(0.05% + 0.03m/min)

Measuring Procedures

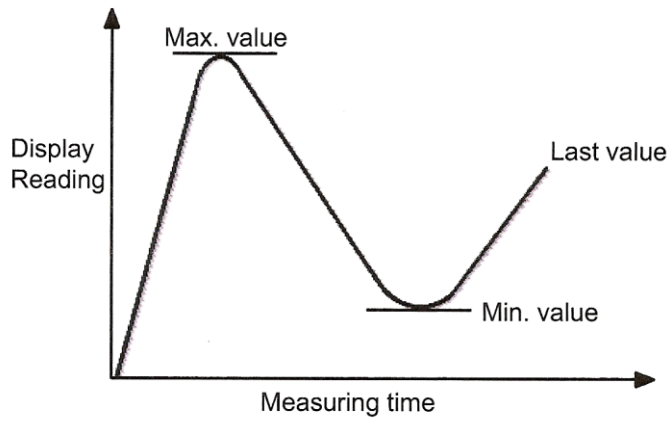
RPM Measurement:

Select correct Rubber Cone required for either spindle or hole location and fit to the Adaptor Holder
Slide Function Switch to RPM position
Lightly press Rubber Cone into the centre hole of the rotating spindle or the Rubber Wheel onto the revolving shaft
Ensure that the centre lines of the Tachometer and the revolving shaft are correctly aligned and turn synchronously together
Depress Measure Button until the reading stabilises (approximately 2 seconds)
The RPM value will now be displayed

Surface Speed Measurement

Fit Surface Speed Wheel to the Adaptor Holder
Slide Function Switch to M/MIN position
Apply Surface Speed Wheel to moving surface ensuring they both move synchronously
Depress Measure Button until the reading stabilises (approximately 2 seconds)
The M/MIN value will now be displayed

Memory



Following release of the Measure Button
Max, Min and Last Value can be recalled in turn by depressing the Memory Button

Max value symbol: "UP"
Min value symbol: "dn"
Last value symbol: "LA"

Battery Replacement

When the battery voltage falls below 5v, a small battery image will appear on the display screento indicate that the battery requires changing
Slide the battery cover away from the instrument and remove the old batteries
Replace with 4 new 1.5v AA batteries ensuring that they are correctly aligned as marked inside the case

Batteries should be removed if the instrument is not to be used for an extended time
Used batteries should be disposed of in the correct way