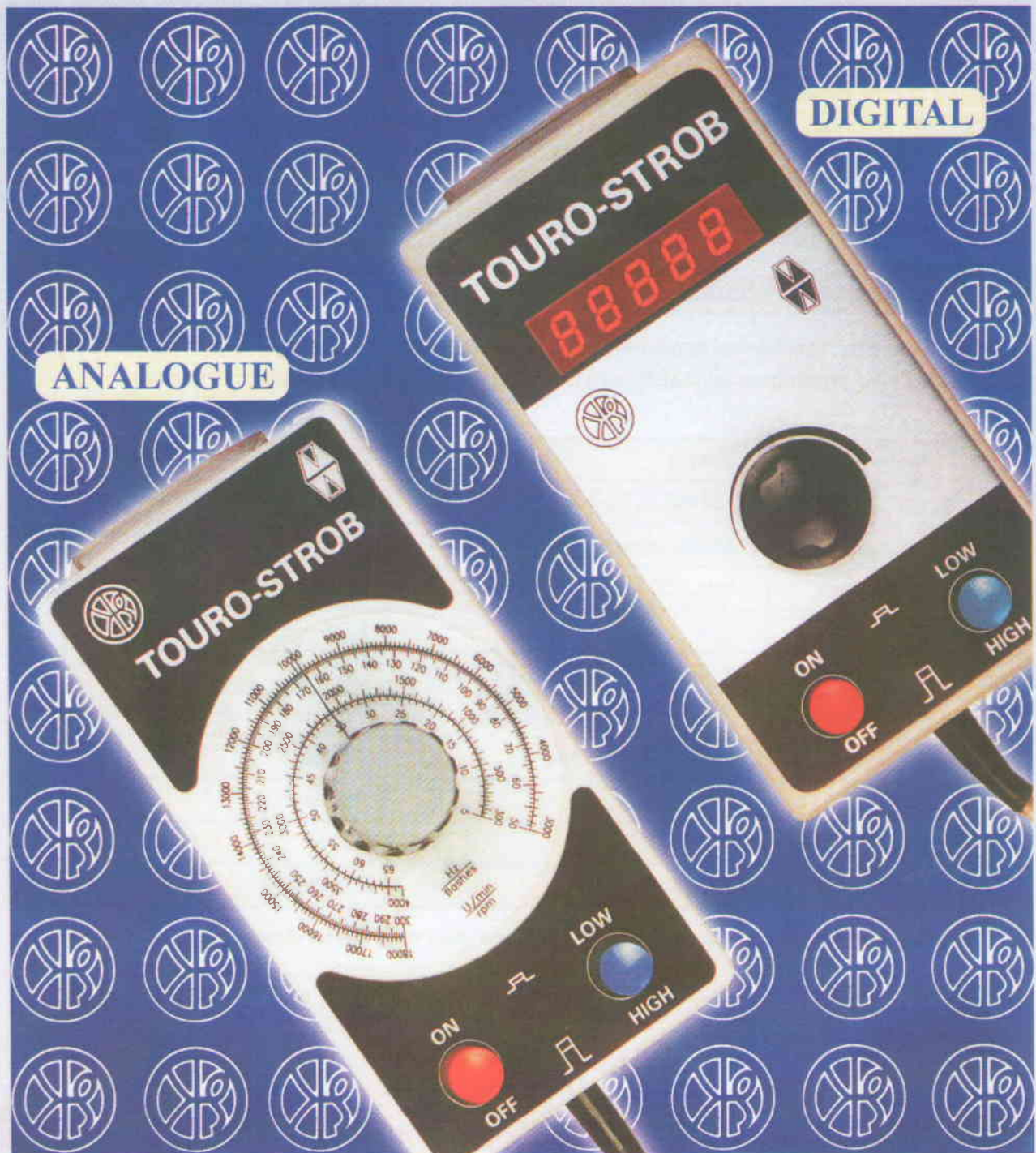


STROBOSCOPE



RISHIKESH ELECTROMATIC PVT. LTD.

STROBOSCOPE

If a rapidly rotating or oscillating object is illuminated always at the same position with periodic flash lights it appears to stand still or to move in slow motion. An object illuminated with flashlight stroboscopes only appears to stand still, if the rate of speed and oscillation is in complete unison with the flash rates respect, if it is a multiple of the flash rates. This enables besides of the observation also exact no contact measurements. A further possibility is the apparent slowing down of quick processes by shifting the flash rates to a certain amount in comparison with the real rate of speed. For example you get an apparent rate of speed of 6/min although the object is rotating with 3.00/min, if the flash rates are adjusted to 2.994 or 3.006 flashes/min.

MAIN APPLICATIONS OF STROBOSCOPES

Electrical industry, mechanical engineering, car industry, textile industry, optical industry, printing and paper industry, ship-building and aircraft industry, chemical industry and medical applications.

Type	2000 N	2000 N / D
Voltage	220-250 V, 50-60Hz	220-250 V, 50-60Hz
Flash Tube	Xenon Longlife steckbar	Xenon Longlife plug-in
Light Intensity	max. 350 Lux	max. 350 Lux
Flash Duration	7 μ s	7 μ s
Frequency Range	2,5-300 Hz = 300...18.000 1/min	
Range Division	2,5...66,6 Hz = 300...4.000/min / 61,6...300 Hz = 3.700...18.000/min	
Accuracy	+ 1% of dial reading	+ 1/min
Housing	Plastic	Plastic
Weight	600 g	600 g
Dimensions	155x80x65	155x80x65

* Appearance and specifications are subject to change without prior notice for the purpose of improvement in performance.



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