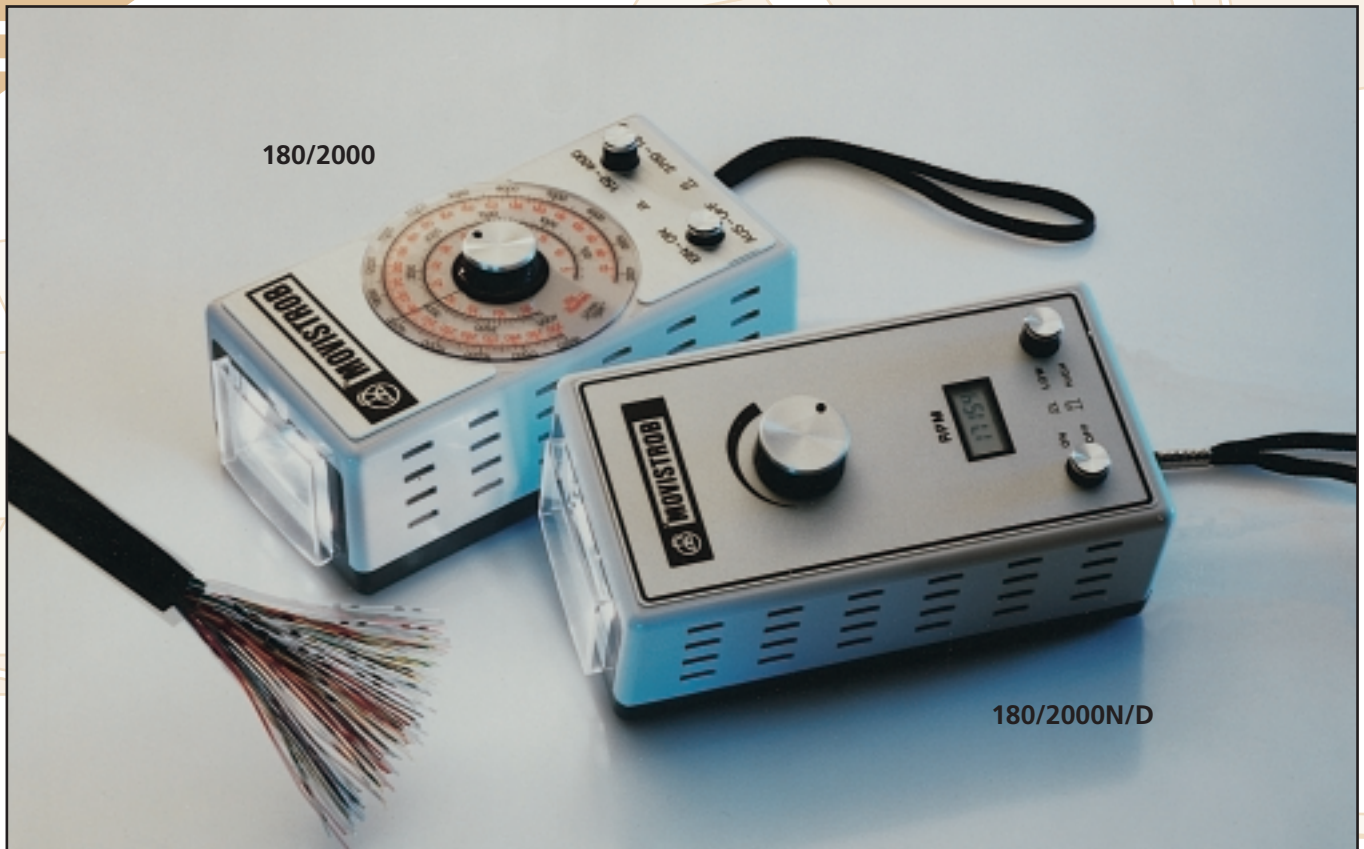


Movistrob & Ministrob

compact portable stroboscopes



Stroboscopes are used for *contactless observation and measurement of the speed* of rotating or reciprocating objects. In the Textile Industry, the principal applications are to be found on Spinning and Twisting Frames and on Winding, Knitting and Sewing Machines.

When the flashing rate of the stroboscope is synchronized with the speed of the object, the latter *appears to be stationary*. Its movement can therefore be closely observed, and its speed can be read from the dial or

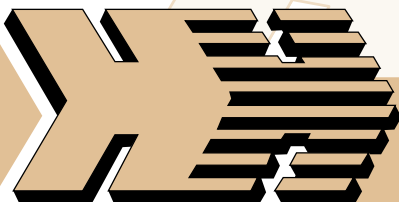
display of the instrument.

Sometimes, the object is *not moving at a constant speed*, and it is therefore difficult, if not impossible, to synchronize the stroboscope. In these circumstances, an *external trigger* is required. There are two types: *photoelectric and electromagnetic*. The trigger is connected to the stroboscope and is placed near to another part moving at the same rate as the object part. The trigger sends back impulses to the stroboscope causing the flashing rate to follow

the speed of the object. The object now appears stationary and observations can take place.

It is often inconvenient or unsafe to trail a long, mains cable from the nearest electrical point to the place of use, so various solutions have been developed: a rechargeable Power Supply (approx. 4.2 kg) with a shoulder strap; a rechargeable Battery Pack (approx. 1 kg) with a belt clip; and the Digital Movistrob Model 180/350B/D (approx. 1.9 kg) with a rechargeable, built-in battery.

The right is reserved to alter the specification or modify the appearance without notice.



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technical

	Movistrob	Digital Ministrob	Digital Ministrob
Model No.	180/2000	180/2000N/D	180/2000B/D
Supply	220-240V or 100-115V 30-60Hz	220-240V or 100-115V 30-60Hz	12V DC
Measuring Ranges (rpm)	150- 4000 3700-18000	60- 4000 4000-18500*	60- 4000 4000-18500*
Accuracy	±1% dial reading	±1 rpm	±1 rpm
Flash Tube	Xenon White	Xenon White	Xenon White
Peak Light Intensity (lux)	350	350	350
Display Type	Dial	LCD (5mm)	LCD (5mm)
Housing	Shatterproof plastic	Shatterproof plastic	Shatterproof plastic
Approximate Weight (g)	600	600	600
Dimensions (mm)	155 x 80 x 65	155 x 80 x 65	155 x 80 x 65
Standard Accessories	Wrist Strap White Filter Red Filter Carrying Case	Wrist Strap White Filter Red Filter Carrying Case	Wrist Strap White Filter Red Filter Carrying Case
Optional Accessories	Power Supply and Charger	Power Supply and Charger	Power Pack and Charger
Running Time (approx. h) from fully charged Power Supply or Battery Pack	2.5	2.5	1
Comparative Features	Rotary dial	LCD display	LCD display 12V DC

* Measuring range can be extended up to 30000 rpm.

information

Digital Movistrob	Digital Movistrob	Digital Movistrob	Movistrob
180/2100WP	180/2150	180/350B/D	180/500
220-240V or 100-115V 30-60Hz	220-240V or 100-115V 30-60Hz	Built-in battery	220-240V or 110-115V 30-60Hz
120- 4500 3960-21000*	120- 4500 3960-21000*	60-18000	150- 4000 3700-18000 18000-60000
±1 rpm	±1 rpm	±1 rpm	±1% dial reading
Xenon White	Xenon White	Xenon White	Xenon White
400	400	450	550
LED (8mm)	LED (8mm)	LCD	Dial
Shatterproof plastic	Shatterproof plastic	Steel/Aluminium	Steel
800	1000	1900	2800
195 x 110 x 75	195 x 110 x 75	175 x 105 x 105	200 x 155 x 125
Wrist Strap White Filter Red Filter Carrying Case	Wrist Strap White Filter Red Filter Carrying Case	Charger	Carrying Handle
Power Supply and Charger	Power Supply and Charger Photoelectric Trigger Electromagnetic Trigger	Photoelectric Trigger Electromagnetic Trigger	Power Supply Photoelectric Trigger Electromagnetic Trigger Protective Case
7	7	1 (built-in battery)	2.5
Red LED display Fine adjustment by 10-turn precision potentiometer	Red LED display Fine adjustment by 10-turn precision potentiometer Socket for external trigger	LCD display Microprocessor- control Built-in battery Built-in phase shifter 0-359° Socket for external trigger	Rotary dial Up to 60000 rpm Built-in phase shifter 0-640° Socket for external trigger

Movistrob & Ministrob

compact portable stroboscopes

How to order ?

180/2000	Movistrob
180/2000N/D	Digital Ministrob
180/2000B/D	Digital Ministrob
180/2100WP	Digital Movistrob
180/2150	Digital Movistrob
180/350B/D	Digital Movistrob
180/500	Movistrob



Accessories

180/910	Photoelectric Trigger
180/915	Electromagnetic Trigger
180/920	Power Supply and Charger
180/925	Battery Pack and Charger



Spare Bulbs

742-731	For all Models except 180/350B/D and 180/500
742-733	For 180/350B/D
742-732	For 180/500

Extended Measuring Range (Up to 30000 rpm)

180/2000N/D-X	Digital Ministrob
180/2000B/D-X	Digital Ministrob
180/2100WP-X	Digital Movistrob
180/2150-X	Digital Movistrob



Please specify single phase voltage