



Aavanira Technologies (P) Ltd.

LABORATORY SCOPE

Sl	Parameter*/Device Under Calibration	Master Equipment used	Range(s) of Measurement	Calibration and Measurement Capability (\pm)	Calibration Performed At
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Discipline: Mechanical			Group: Acceleration & Speed		
1	Tachometer (Non - contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	10 rpm to 100 rpm	0.3 rpm	At lab
2	Tachometer (Non - contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	100 rpm to 1000 rpm	0.4 rpm	At lab
3	Tachometer (Non - contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	1000 rpm to 10000 rpm	4.0 rpm	At lab
4	Tachometer (Non - contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	10000 rpm to 99950 rpm	15.0 rpm	At lab
5	Tachometer (contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	10 rpm to 100 rpm	0.3 rpm	At lab
6	Tachometer (contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	100 rpm to 1000 rpm	1.2 rpm	At lab
7	Tachometer (contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	1000 rpm to 5000 rpm	1.5 rpm	At lab



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SI	Parameter*/Device Under Calibration	Master Equipment used	Range(s) of Measurement	Calibration and Measurement Capability (\pm)	Calibration Performed At
8	Tachometer (contact Type)	Using Digital Tachometer & Tachometer Calibrator By comparison method As per SANAS TR45-01	5000 rpm to 10000 rpm	2.6 rpm	At lab
9	RPM indicator (Centrifuge) Non-Contact type	Using Digital Tachometer by comparison method	10 rpm to 10000 rpm	4.5 rpm	At lab / Site