

M-FanA[®]

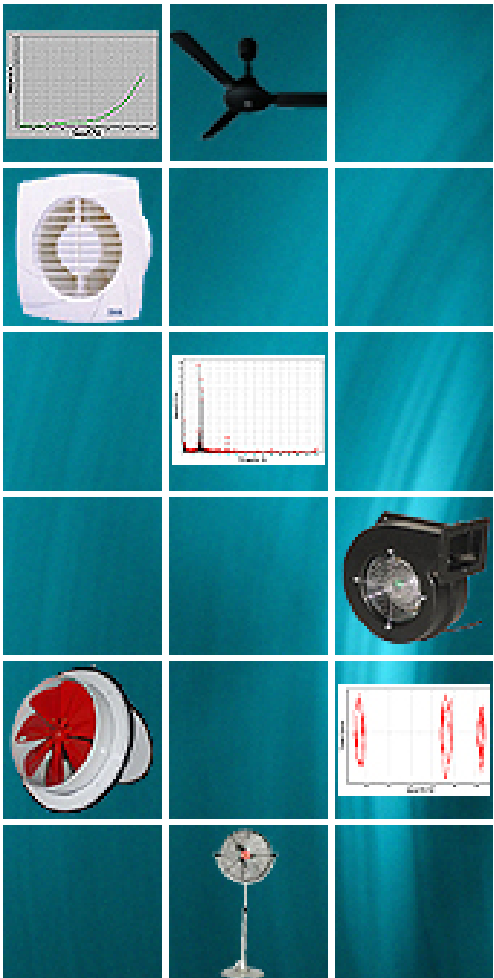
Fan Analyzer

Fan System Performance Tester

Line Control, R&D



U.S. and International Patented System



52340 Series - Fan System Performance Tester **WITHOUT** sensor for fan systems

52350 Series - Fan System Performance Tester **WITH** sensor for fan systems

Features and Benefits

Without connecting any sensor

- Analysis of real-time behavior of fan systems, *including Fan load curve.*
- Input and output performance of the fan's nominal working point, including *Rotation speed, Motor Output power, Motor Input power, Motor Efficiency.*
- Friction and mechanical defect testing.
- Displays results in table and graphic form.
- Low-cost, simple, easy-to-use, and highly sophisticated on-site tester.
- Easily operated by novice and experienced users.

With additional sensor

- Analysis of real-time behavior of fan systems, *including Fan load curve.*
- Friction & Friction spectrum for mechanical defect testing.
- Complete motor and load data from stall up to max speed.
- Torque & speed-spectrum.

Application Testers



M.E.A. Testing Systems Ltd.
www.meatesting.com

General Specifications

MLK	
Dimensions	(W x H x D) 26 x 12 x 33 cm
Operating System	Windows™ XP

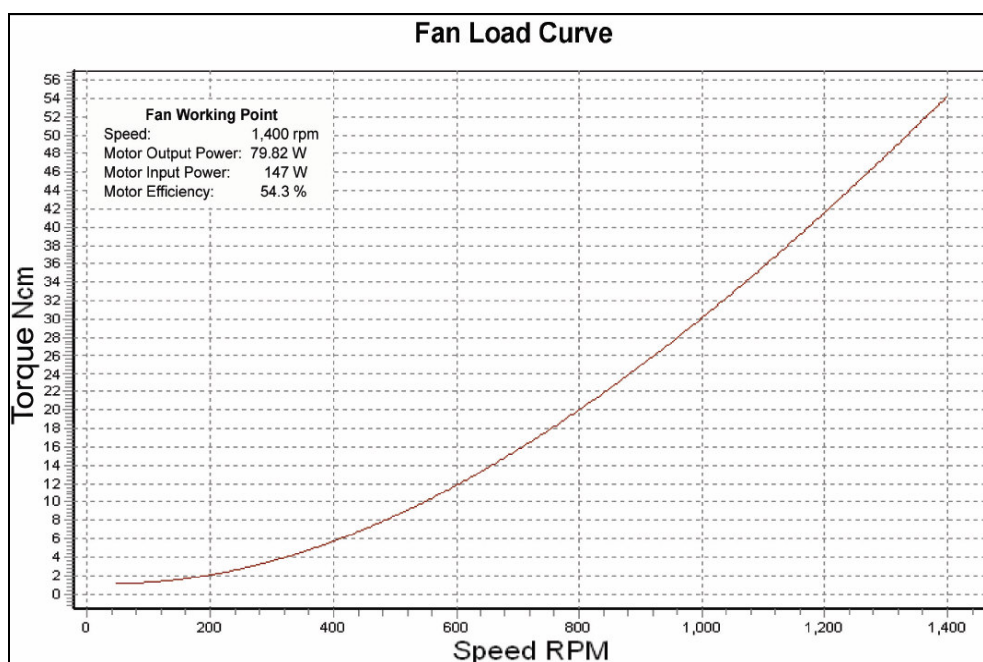
Performance Tests

Supported Tests	Speed, torque, speed and torque spectrum, input power, output power.
System Accuracy	± 0.2%
Sensors	Testing is supported: - WITH sensor - WITHOUT sensor

Fan Analysis test example: Testing without any sensor by using only the input power line

System gives Fan load performance.

Working point: Rotation speed; Motor Output power, Motor Input power, Motor Efficiency.



Powerful, Yet Simple

An advanced service instrument, with USB connection, MEA's M-FanA® Fan Analyzer gives you the power to obtain analysis of real-time behavior of fan.

Without any additional sensor, the System automatically gives the fan load's complete load performances, input and output performance of the fan's nominal working point, friction and mechanical defect testing.

M-FanA® provides data measurement and recording of analog and digital input signals, enabling analysis of fan systems performance. It displays analytical results giving you the capability to identify previously undetected mechanical and electrical problems and defects (i.e. transition and resonance phenomena, vibration, unbalance, noise), to assess fan system condition on-site, and to give adequate solutions to the underlying causes.

Simply Powerful

With MEA M-FanA® Fan Analyzer, you have all you need in your laptop and for your Fan analysis before delivering to your customers.

Application Testers

- Customized solutions
- Customer support
- Technical services
- 1-Year warranty
- Optional extended warranty program
- Local sales offices throughout the world



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