



INSPECTION & COMPLIANCE TEST CERTIFICATE FOR SIEVES
Standard: ISO 3170 - 1: 2000

EMESO PHARMA

Sieve details	Ambient Conditions	Value Of Standard Aperture
Standard No. 042043	Temperature 22.5°C	Normal Aperture Size 750 µ
ISO/IEC No. 9001	Humidity 70%	Normal Aperture Class 100 µ
Serial Number 100	Pressure 1023 mb	Quality Tolerance 100 µ - 675 µ
Sieve Height 0.3 316		Quality Tolerance 400 µ - 500 µ
Frame Material 0.2 316		Magnification 20X
Range Of Loading Mass 500g		

Inspection Used For: Calibration Of Sieves
Inspection Used For: Siege Measurement Of ISO/IEC 9001 compliance certificate from ISO, Ankara, Turkey
Inspection Used For: Calibration Of ISO/IEC 9001 compliance certificate from ISO, Ankara, Turkey
Inspection Used For: Calibration Of ISO/IEC 9001 compliance certificate from ISO, Ankara, Turkey

Method Of Measurement: Sieve & Sieve Head been measured at different places of sieve surface

Results Of Inspection	Value
1	445.00
2	450.00
3	455.00
4	460.00
5	465.00
6	470.00
7	475.00
8	480.00
9	485.00
10	490.00
Average	482.04

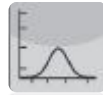
Checked By: [Signature]
 Calibration Date: 20/10/2004
 Company Seal: [Red Seal]

Applications

Used for particle size analysis in material testing laboratories, Civil engineering, Pharmaceutical Industries, Tiles Ceramic Industries, Cement industries, Education institutes etc.

Tri-Dimensional Shifting Motion

The instrument produces Tri-Dimensional movement combining a vertical movement with a rotation of the material to be shifted on the surface of the sieves.



Particle Size Analysis



Prog. Sieving Duration



Low Noise

Modes of shifting

- Continuous
- Intermittent (Helps to clear blocked apertures)

Low Maintenance

Instrument is powered by electromagnetic drive which has no rotating parts, making it maintenance free and quiet in operation.

Isolation of vibration from work surface

Non-metallic spring and anti-vibration mountings are fitted to isolate vibrations from work surfaces and reduce noise levels

Programmable amplitude

- Programmable amplitude (0.5 mm to 2 mm) in steps of 0.1 mm
- Amplitude feedback allows a smart adjustment of power to give reliable results independent of sample weight



Cap (200mm dia)



Cap (100mm dia)



User Friendly

**Quality by design**

- The vibratory actions produced by the power unit moves the sample all over the sieve in a unique way producing faster and more efficient sieving
- Unit has been designed for user friendly operations
- 40 x 4 character alpha-numerical display
- Unit has 15 levels of amplitude upto a maximum of 2mm as recommended by USP.
- The top plate of the sieve shaker has clearly marked calibrated lines to aid visual inspection of the amplitude.
- The instrument is fitted with a special clamping device that ensures that the sieves are held firmly and allows them to be quickly removed and replaced.
- Closed loop control of amplitude and validation independent of the load Very low noise operation with low maintenance.
- iTIME (Programmable from 10-99 seconds) for proper shifting of matter.

Technical Specifications

Model	EMS-8	EMS-8 PLUS
Dry Sieving	Standard	Standard
Mode of operation	Continuous and Intermittent	Continuous and Intermittent
Intermittent operation	At interval (0.5 seconds)	At interval (0.5 seconds)
iTime Mode	----	1 sec pause in sieving process after set interval of 10-99 seconds
Capacity	Upto 8 sieves of 200mm Dia x 50mm H Upto 16 sieves of 100mm Dia x 25mm H	Upto 8 sieves of 200mm Dia x 50mm H Upto 16 sieves of 100mm Dia x 25mm H
Shake time	Programmable from 1min – 99 min	Programmable from 1min – 99 min
Display	16 x 2 characters LCD	40 x 4 characters alphanumeric LCD
Power Level	Programmable (From 5 to 20)	Programmable (From 5 to 20)



EIE-PTLT-126

Standard Penetrometer for Petroleum Latum – (ASTM D937)

Noise Level	<61 dB without sieves at maximum amplitude <71 dB with sieves & material at maximum amplitude	40 x 4 characters alphanumeric LCD
Power	220/230 Volts AC, 50 Hz, 600 VA	220/230 Volts AC, 50 Hz, 600 VA
Dimensions	312mm x 339mm x 270mm	312mm x 339mm x 270mm
Weight	50 Kgs (Without Sieves)	50 Kgs (Without Sieves)



eie INSTRUMENTS PVT. LTD.
(An ISO 9001 : 2008 Certified Company)

www.eieinstruments.com | info@eieinstruments.com | service@eieinstruments.com |