

Product Name :
Asphalt Mixture Testing Machine at High and Low Temperature

Product Code :
TEST5156RFQLAB-0001



Description :

Asphalt Mixture Testing Machine at High and Low Temperature for Testing Lab Equipment Tender Suppliers India

Technical Specification :

Bituminous mixture testing machine is intended for tensile, compression, bending tests for highway engineering asphalt, asphalt mixtures at -15?~+60?.

This asphalt testing machine is widely applied to modified asphalt, elastomer modified asphalt, asphalt base, petroleum asphalt, liquid petroleum asphalt, emulsified asphalt, hot-mixed bituminous mixtures, cold-mixed bituminous mixtures, modified asphalt mixtures, flexible base, semi-rigid base, rigid base, asphalt pavement, etc.

Max. test force: 100kN

Load class: Class 0.5

Measuring range of load: 1%-100%

Relative error of indication: Within $\pm 1.0\%$

Load resolution: $1/\pm 300000$ FS

Measuring range of deformation: 0.2%-100%

Adjusting range of load rate: 0.005%-5%FS/S

Control precision of load rate: Within $\pm 1\%$

Adjusting range of deformation rate: 0.005-5%FS/S

Control precision of deformation rate: Within $\pm 1\%$

Adjusting range of displacement rate: 0.001-500mm/min

Control precision of displacement rate: Within $\pm 0.2\%$ of the set value

Stroke of cross head (without grips): 1400mm
Effective test span: 610mm
Control mode: Computer control
Power supply: Loading frame: 220VAC, 50Hz Test chamber: 380VAC, 50Hz
Power: 2.0kW+6.0kW
High and Temperature Test Chamber (movable and long-time test)
Working temperature/control accuracy: -15?~+60?/±0.5?
Heating/cooling mode: Heating by resistance wire/ cooling by liquid nitrogen injection/air circulation
Heating/cooling rate: RT+10?~60?/approx. 40min RT+10?~-15?/approx. 20min
Working room dimension: 450mm(W)x500mm(H)x400mm(D)
Chamber type: Made of stainless steel, inside with observation window, with lighting

We are a leading manufacturers of Asphalt Mixture at High and Low Temperature testing equipment for a range of industries, including materials science testing lab. We offer full range of Asphalt Mixture at High and Low Temperature testing equipment, including Asphalt Mixture at High and Low Temperature testing kit, Asphalt Mixture at High and Low Temperature testing machine, Asphalt Mixture at High and Low Temperature testing tools, Asphalt Mixture at High and Low Temperature test equipment, Asphalt Mixture at High and Low Temperature test machines, Asphalt Mixture at High and Low Temperature for Lab Testing Instruments. We are suppliers of materials testing tools and equipment for the construction industry. Our mission is to provide reliable, accurate, and easy-to-use Asphalt Mixture at High and Low Temperature testing equipment that helps customers build better, safer, and more sustainable infrastructure.



Testing lab instruments India