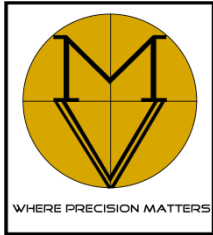


Video Vision Metrology



C-96, Peenya II stage, Bangalore 560058

contact: +91 73 53 786572

Alternate: +91 99 45 043733

email: vvmetrology@gmail.com

Product Catalog

Vertical Table Top Profile Projectors (VisionScan VT30/VT36)



Table Top Vertical Profile Projector is highly acclaimed for testing and measurement applications. The Table Top Vertical Profile Projector has a slant screen that is suited for diverse users and application Cutting Tools, Thread Inspection and Tracing of Drawings.

Specifications

Screen diameter* (mm)	300/360 mm with cross lines marked on matt transparent glass
Screen rotation	0 to 360 degrees with fine rotation knob
Accuracy of X,Y coordinates.	$\pm 3 + L55\mu\text{m}$
Magnifications	Telecentric 10 x or 20 x or 50 x mounted on single lens mount

Workstage**	400 x 150mm with stroke of 200 mm in X axis and 75mm for focusing
Measuring range X/Y Axis	200X100 mm
Focusing (Z Axis)	Motorized vertical movement with fine adjustment. (special feature)
Linear measurements accuracy.	With electronic scales of 0.001/0.005mm in X and Y axes
Angular measurement accuracy.	With electronic encoder with least count of 0.01 degree
Distortion on contour light	0.075%
Distortion on surface light	0.1%

Illumination systems

Contour	24V x 150 Watts xenophot halogen lamp with fan cooling
Surface	Dual optic fiber lamps cartridge type to generate minimum heat
Standard measuring system	In-built digital read out for measuring X, Y angle, Radius, Center distance, Concentricity, Absolute and Incremental with inch mm conversion

Floor Model Vertical Profile Projector (VisionScan VF30/VF36)



Our **Floor Model Vertical Profile Projector** is extensively in demand amongst buyers owing to its flawless functionality. Floor Model Vertical Profile Projector that we offer is manufactured using high-grade raw materials and appreciated for sturdy construction and accuracy. The rotating range of our Floor Model Vertical Profile Projector is 0-360 Degrees. Buyers can obtain our Floor Model Vertical Profile Projector in diverse technical specifications as per their own requirements.

Technical Specifications

Screen diameter* (mm)	300/360 mm with cross lines marked on matt transparent glass
Screen rotation	0 to 360 degrees with fine rotation knob
Accuracy of X,Y co-ordinates.	+/- (3+L/55) μ m
Magnifications	Telecentric 10 x or 20 x or 50 x mounted on single lens mount
Workstage**	300mm X 150mm / 400 X 200 mm / 400 X 300 mm
Measuring range X/Y Axis	150 X 75 / 200X100 / 275X175 mm
Focusing (Z Axis)	Motorized vertical movement with fine adjustment. (special feature)
Linear measurements accuracy	0.005/0.001 mm (optional)
Angular measurement accuracy.	With electronic encoder with least count of 0.01 degree
Distortion on contour light	0.075%
Distortion on surface light	0.1%
Charts	Circle/Angle/Grid/Thread Profiles
“V” Blocks with centers & clamps	Various sizes to suit customer’s requirements
Rotary Stage(optional)	To conveniently align the components to the axis of travel

Illumination systems

Contour	24V x 150 Watts xenophot halogen lamp with fan cooling
Surface	Dual optic fiber lamps cartridge type to generate minimum heat
Standard measuring system	In-built digital read out for measuring X, Y angle, Radius, Center distance, Concentricity, Absolute and Incremental with inch mm conversion

Slant Screen Profile Projector (VisionScan VS30/VS36)



We manufacture Slant Screen Type, Vertical Light Path Profile Projectors in screen diameter of 30/40/ 50/60/80 cm. These are offered in the following technical specifications for the convenience of our customers:

Technical Specifications

Screen diameter* (mm)	300/360 mm with cross lines marked on matt transparent glass
Screen rotation	0 to 360 degrees with fine rotation knob
Accuracy of X,Y co-ordinates.	+/- (3+L/55) μ m
Magnifications	Telecentric 10 x or 20 x or 50 x mounted on single lens mount
Workstage**	300mm X 150mm / 400 X 200 mm / 400 X 300 mm
Measuring range X/Y Axis	150 X 75 / 200X100 / 275X175 mm
Focusing (Z Axis)	Motorized vertical movement with fine adjustment. (special feature)
Helix titling	+/- 15 Degree optional (for VSS50 or VSS60 models, with screen dia. of 500 mm or 600 mm.)
Linear measurements accuracy	0.005/0.001 mm (optional)
Angular measurement accuracy.	With electronic encoder with least count of 0.01 degree
Distortion on contour light	0.05%
Distortion on surface light	0.075%

Charts	Circle/Angle/Grid/Thread Profiles
“V” Blocks with centers & clamps	Various sizes to suit customer’s requirements
Rotary Stage(optional)	To conveniently align the components to the axis of travel

Illumination systems

Contour	24V x 150 Watts xenophot halogen lamp with fan cooling
Surface	Dual optic fiber lamps cartridge type to generate minimum heat
Standard measuring system	In-built digital read out for measuring X, Y angle, Radius, Center distance, Concentricity, Absolute and Incremental with inch mm conversion

Horizontal Table Top Profile Projectors (VisionScan HT30/HT36)



We are considered a leading **Table Top Horizontal Profile Projector** Manufacturer, Supplier and Exporter. Table

Top Horizontal Profile Projector is available with latest features for precise projection.

Specifications

Screen diameter* (mm)	300/360 mm with cross lines marked on matt transparent glass
Screen rotation	0 to 360 degrees with fine rotation knob
Accuracy of X,Y coordinates.	$\pm 3 + L55\mu\text{m}$
Magnifications	Telecentric 10 x or 20 x or 50 x mounted on single lens mount
Workstage**	400 x 150mm with stroke of 200 mm in X axis and 75mm for focusing
Measuring range X/Y Axis	200X100 mm
Focusing (Z Axis)	Motorized vertical movement with fine adjustment. (special feature)
Helix titling	+/- 15 Degree optional (for H50 or H60 models, with screen dia. of 500 mm or 600 mm.)
Linear measurements accuracy.	With electronic scales of 0.001/0.005mm in X and Y axes
Angular measurement accuracy.	With electronic encoder with least count of 0.01 degree
Distortion on contour light	0.075%

Distortion on surface light	0.1%
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Illumination systems

Contour	24V x 150 Watts xenophot halogen lamp with fan cooling
Surface	Dual optic fiber lamps cartridge type to generate minimum heat
Standard measuring system	In-built digital read out for measuring X, Y angle, Radius, Center distance, Concentricity, Absolute and Incremental with inch mm conversion

Floor Model Horizontal Profile Projectors (VisionScan HF30/HF36)



Floor Model Horizontal Profile Projector that we manufacture, export and supply is widely in demand amongst buyers. Our Floor Model Horizontal Profile Projector is fabricated as per the international standards. We make it available in the screen diameter of 50/60/80/100 cm. The rotating range of our Floor Model Horizontal Profile Projector is 0-360 Degrees. Our Floor Model Horizontal Profile Projector is widely in demand owing to its accuracy, easy usage and longer operational life.

Specifications

Screen diameter* (mm)	300/360 mm with cross lines marked on matt transparent glass
Screen rotation	0 to 360 degrees with fine rotation knob
Accuracy of X,Y coordinates.	$\pm 3 + L55\mu\text{m}$
Magnifications	Telecentric 10 x or 20 x or 50 x mounted on single lens mount
Workstage**	400 x 150mm with stroke of 200 mm in X axis and 75mm for focusing

Measuring range X/Y Axis	200X100 mm
Focusing (Z Axis)	Motorized vertical movement with fine adjustment. (special feature)
Helix titling	+/- 15 Degree optional (for H50 or H60 models, with screen dia. of 500 mm or 600 mm.)
Linear measurements accuracy.	With electronic scales of 0.001/0.005mm in X and Y axes
Angular measurement accuracy.	With electronic encoder with least count of 0.01 degree
Focus Traverse	75 mm on the “Y” axis
Distortion on contour light	0.075%
Distortion on surface light	0.1%
Charts	Circle/Angle/Grid/Thread Profiles
“V” Blocks with centers & Clamps	Various sizes to suit customer’s requirements

Illumination systems

Contour	24V x 150 Watts xenophot halogen lamp with fan cooling
Surface	Dual optic fiber lamps cartridge type to generate minimum heat
Standard measuring system	In-built digital read out for measuring X, Y angle, Radius, Center distance, Concentricity, Absolute and Incremental with inch mm conversion

OPTIONAL ACCESSORIES:

1. Additional Lenses:

10x OPTICS

20x OPTICS

50X OPTICS

2. Rotary Stage

*=Screen sizes are customizable between 300 to 600 mm

**=Workstages are customizable as per requirement.

Available output options :

- Data Processor with DRO
- Data Processor with Personal Computer

Other Information

Sample Availability	Yes (at our plant)
Competitive Advantages of the product	Easiness of Operation, User friendly, Economical Pricing, Economical feature with Motorised Focusing to reduce operator fatigue
Delivery Lead Times	4 to 8 weeks
Payment Method	NEFT/RTGS Through Bank Or Irrevocable L.C.

Video Vision Systems (2D and 3D)



We are tagged as one of the most reliable Manufacturers, Exporters & Suppliers of **Video Vision System**. We offer 2D and 3D type Video Vision System with Multi-Sensors to measure the components in various disciplines of industries. It is used for recording quality documents and events. Video Vision System that we offer is manufactured using quality components and is in compliance with the industry standards. Moreover, our Video Vision System is stringently checked to ensure zero defect range at client's end. We offer bulk quantities of Video Vision System at market leading rates.

Technical Specifications

Measuring Range	X = 200 mm Y = 150 mm Z = 150 mm (Optional X = 300 mm)
Types of Measurements	CCD Camera + LVDT Probe
Encoder Resolutions	0.001 mm / 0.0005 mm (Optional)
Movements of axes	manual (motorized – Optional)
Movement system	Ball Screws in all axes
Software for Measurement	Optional –IRIS/ DP 200/ QC 300/ QC 5000

Computer	1GB hard disc / 512 MB Ram / Microsoft XP / 14" TFT Monitor/ Optical Mouse CAD / DXF outputs
Measurement Features	Automatic / manual with tools for circle, blob and depth. Software control for sub-stage illumination and top illumination for optimum results. Shadow to light and vice versa reduces errors of pick up points. Measurement and construction features for point, line, circle, center distance, angle, polar co-ordinates and skew. Reverse engineering with super-imposing features of cad and DXF is possible.

We manufacture and supply quality grade of Video Vision System 2D in exclusive range for our clients to select as per desire. These equipments are manufactured with superior grade raw materials to suffice the need of the work in desired manner. The product manufactured by our expert teams is very useful for recording quality documents and events. The usage of this system is very easy. Various options are available under this category for our clients to choose from the collection. The leading market price offer by us makes this system more demanding. We manufacture and supply quality grade of Video Vision System 2D in exclusive range for our clients to select as per desire. These equipments are manufactured with superior grade raw materials to suffice the need of the work in desired manner. The product manufactured by our expert teams is very useful for recording quality documents and events. The usage of this system is very easy. Various options are available under this category for our clients to choose from the collection. The leading market price offer by us makes this system more demanding.