



# ENCLOSED LINEAR SCALE

## Optical linear scale

### Product Information

### Linear Scale *B-RITE Series*



A cost effective and high performance **B-RITE Series** is a compact, flexible and versatile precision glass scale designed for applications used in measuring industrial/ The enclosed type allow it to withstand elements of contamination found in even the harshest machine shop environment. Every precision glass scale incorporates long-standing tradition of quality, reliability, durability and dependability at an affordable price. The linear scale is available in travel lengths from 25mm-300mm, in resolutions of 0.1µm, 0.5µm, 1µm with an accuracy of ±3-6µm/meter.

TECHNICAL SPECIFICATION

General Technical Specification
Measure Length Available: 25-300mm
Pitch: 20-40µm
Resolution: 1µm, 0.5µm, 0.1µm
Accuracy: ± 3-6µm
Speed: 15-60 m/sec <sup>2</sup>
Max Acceleration: 15m/sec <sup>2</sup>
Working Temperature: 0°C~50°C
Storage Temperature: -20°C~70°C
Humidity: 20-90%


### Features.

- Cost effective solution
- High accuracy range from ±3-6µm
- Resolution: 0.1µm, 0.5µm, 1µm
- High quality & reliable solution





Model Available	Type of Accessory Available*
<p>Resolution: 1<math>\mu</math>m  <b>PT-4025B-1</b> Measure length 25mm  <b>PT-4050B-1</b> Measure length 50mm  <b>PT-40100B-1</b> Measure length 100mm  <b>PT-40150B-1</b> Measure length 150mm  <b>PT-40200B-1</b> Measure length 200mm  <b>PT-40250B-1</b> Measure length 250mm  <b>PT-40300B-1</b> Measure length 300mm</p> <p>Resolution: 0.5<math>\mu</math>m  <b>PT-4025B-0.5</b> Measure length 25mm  <b>PT-4050B-0.5</b> Measure length 50mm  <b>PT-40100B-0.5</b> Measure length 100mm  <b>PT-40150B-0.5</b> Measure length 150mm  <b>PT-40200B-0.5</b> Measure length 200mm  <b>PT-40250B-0.5</b> Measure length 250mm  <b>PT-40300B-0.5</b> Measure length 300mm</p> <p>Resolution: 0.1<math>\mu</math>m  <b>PT-4025B-0.1</b> Measure length 25mm  <b>PT-4050B-0.1</b> Measure length 50mm  <b>PT-40100B-0.1</b> Measure length 100mm  <b>PT-40150B-0.1</b> Measure length 150mm  <b>PT-40200B-0.1</b> Measure length 200mm  <b>PT-40250B-0.1</b> Measure length 250mm  <b>PT-40300B-0.1</b> Measure length 300mm</p>	<p><b>*Kindly Specify the type of range require when ordering</b></p>

<b>Optical Linear Scale</b>	
 <p><b>#4025B-4300B</b></p>	<p><b>(#4025B)</b> 25mm Linear Scale  <b>(#4050B)</b> 50mm Linear Scale  <b>(#4100B)</b> 100mm Linear Scale  <b>(#4150B)</b> 150mm Linear Scale  <b>(#4200B)</b> 200mm Linear Scale  <b>(#4250B)</b> 250mm Linear Scale  <b>(#4300B)</b> 300mm Linear Scale</p> <p>Resolution: 1<math>\mu</math>m, 0.5<math>\mu</math>m, 0.1<math>\mu</math>m  Accuracy: <math>\pm</math> 3-6<math>\mu</math>m</p>

## PRODUCT INFORMATION

### For More Information

For more information on our products and services, kindly send an E-mail to [sales@pinnacletech.biz](mailto:sales@pinnacletech.biz)

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