MOT Straight Edge

LT-AS0120 | 3 metre straightedge and two measuring wedges

Anodized aluminium • Mechanical measurement • Field use



3 m

STRAIGHTEDGE MEASURING LENGTH

2 wedges

MEASURING WEDGES INCLUDED

EN 13036-7 • Local surface irregularity measurement

LT-AS0120

Photograph and Measuring Components

Rigid measuring profile, carrying handles and end details

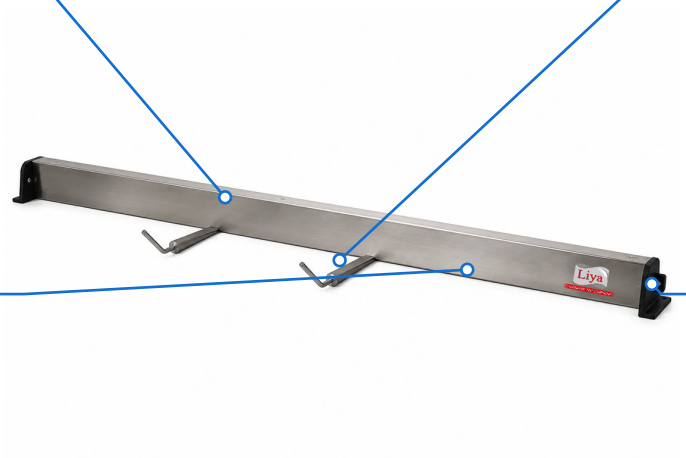
The MOT straightedge checks the gap between a pavement surface and a three metre reference edge. Measuring wedges provide a mechanical method for determining local irregularities on asphalt and concrete surfaces.

MEASURING PROFILE

The 3 metre rigid straightedge provides the reference for surface checks.

CARRYING HANDLES

Handles on the profile assist transportation and positioning on the surface.



ALUMINIUM BODY

Anodized aluminium alloy supports rigidity and convenient field handling.

END DETAILS

Protect the ends and measuring edge from impact and contamination.



Straightedge body and carrying handle

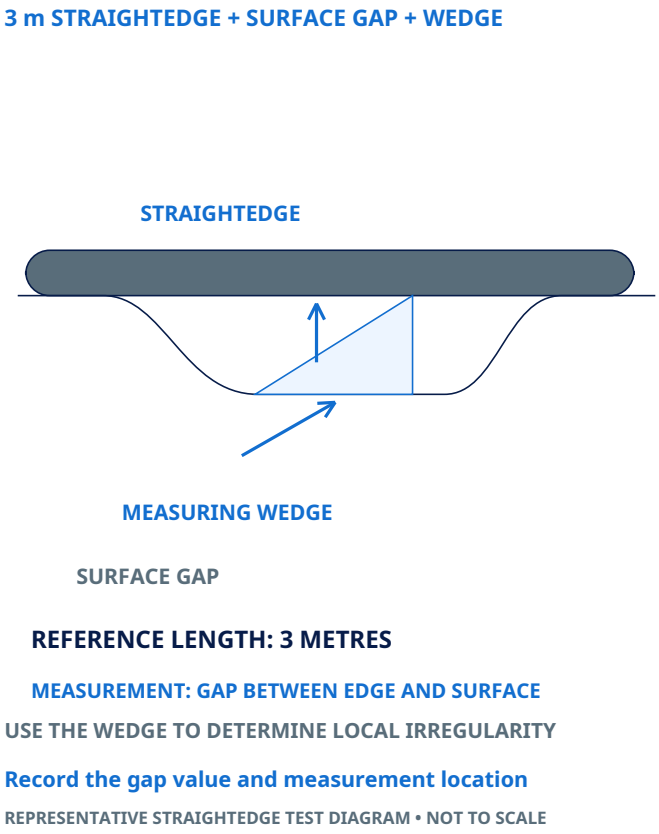


End detail of the measuring profile

LT-AS0120

Measuring the Gap Beneath the Straightedge

Prepare surface • Position edge • Measure with wedge • Record



Prepare Surface and Edge

Check the contact area and measuring edge. Select test location and direction.

Position and Measure Gap

Place the edge on the surface. Slide the wedge gently into the gap and read at contact.

Record Maximum Gap

Identify the largest gap at the test position. Record the value and location details.

The straightedge forms a straight reference between surface contact points. Check gaps beneath it with the measuring wedge. Advance the wedge to contact and read the corresponding value; record the local irregularity together with test position and direction.

Three Metre Reference and Measurement

EN 13036-7 addresses local pavement irregularity measurement using the straightedge method. The LT-AS0120 supports this check with a rigid three metre profile and two steel wedges.

Do not force the straightedge against the surface. Advance the wedge gently to contact and select locations according to the method and inspection plan.

Surface Checks and Storage

Suitable for asphalt roads, concrete pavements, airfield surfaces and hard floors. Record position, direction and gap value; obtain acceptance limits from the project specification.

Clean the profile and wedges after use. Protect the measuring edge from impact; an optional wooden carrying case can be supplied separately.

Technical Specifications and Set Contents

LT-AS0120 | Rigid straightedge and mechanical measuring wedges

Technical Feature / Component	Value / Description
Product Code	LT-AS0120
Measuring Length	3 metres / 300 cm
Weight	10 kg
Body Material	Anodized aluminium alloy
Standard Set	Straightedge and two steel measuring wedges
Measuring Principle	Wedge measurement of the edge-to-surface gap
Measured Result	Local surface irregularity
Applications	Asphalt, concrete and other hard pavement surfaces
Carrying Case	Wooden • Optional
Relevant Method	EN 13036-7

Clean Measuring Edge and Gentle Wedge Contact

Position the straightedge on a clean surface and check the measuring edge. Advance the wedge gently into the gap; record contact value, test position and direction.

From Surface to Local Irregularity Reading

01
Prepare
Check surface, straightedge and wedges.

02
Position
Place the edge in the selected direction.

03
Measure
Check the gap gently with the wedge.

04
Record
Save the gap value and location details.

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