Depot Tray Test Set

LT-AS1520 | Transverse distribution testing for binder sprayers

Collection containers • Wheeled trolley • Distribution comparison



50 mm

TRANSVERSE EVALUATION INTERVAL

250 kg

EQUIPMENT WEIGHT

BS 1707 • Assessment of binder spray distribution

LT-AS1520

Photograph and Collection Components

Collection containers, supporting frame and trolley handle

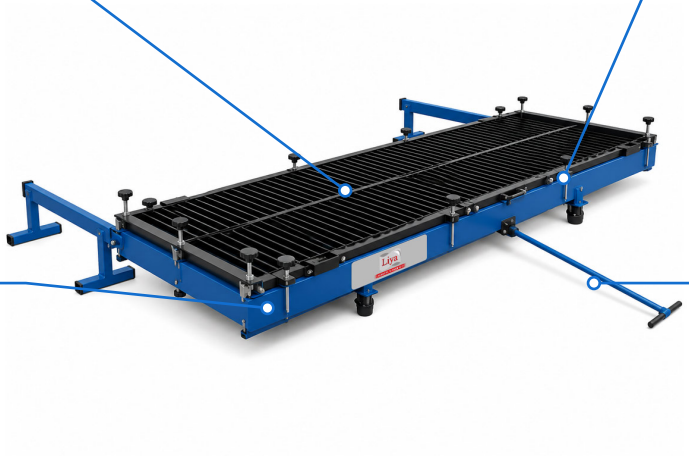
The depot tray test set evaluates transverse binder distribution across a spray bar. Adjacent containers separately collect material sprayed at different positions; measurements reveal the distribution pattern.

COLLECTION CONTAINERS

Binder is collected separately in containers positioned side by side across the spray width.

CONTAINER FIXING

Check container positioning and fixing components before testing.



SUPPORTING FRAME

The rigid frame maintains container alignment and allows the assembly to move together.

TROLLEY HANDLE

Use the handle to position the trolley beneath the spray area and withdraw it afterwards.



Adjacent collection sections and fixing components

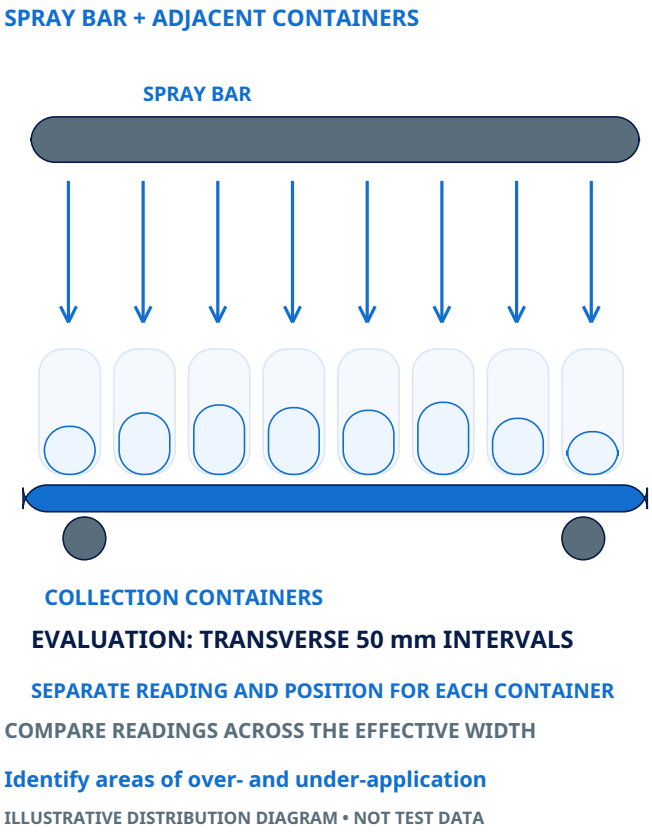


Trolley handle and supporting-frame connection

LT-AS1520

Assessing Transverse Distribution

Position • Spray • Measure • Compare



Position the Containers

Clean and number the containers. Align the trolley beneath the spray bar.

Collect and Measure

Spray as specified. Measure binder quantity or depth in each container.

Compare with the Mean

Build the transverse profile; assess deviations from the mean and record results.

Binder falls into separate containers at different positions across the spray width. Use the same measurement method for every container. Compare results across the effective width to identify high and low delivery areas and investigate spray settings where needed.

Position and Measurement Consistency

Keep container order fixed across the spray bar. Record the effective spraying width and use the same measurement approach for all containers.

Record spray conditions, binder and test positioning. Compare readings obtained under consistent test conditions.

Using the Results

Compare container readings with the mean and identify areas of high or low binder collection. Investigate nozzles, alignment and spraying settings where distribution varies.

Evaluate percentage deviation and variability according to the test method. Obtain acceptance limits from the applicable test or project specification.

Technical Specifications and Test Arrangement

LT-AS1520 | Collection system for transverse distribution checks

Technical Feature / Function	Value / Description
Product Code	LT-AS1520
Test Purpose	Assessment of transverse binder distribution
External Dimensions	370 × 110 × 25 cm
Weight	250 kg
Evaluation Interval	50 mm
Collection System	Side-by-side binder collection containers
Support	Mobile wheeled trolley
Measurement	Binder quantity or depth per container
Result Comparison	Distribution and deviations across effective width
Application	Binder distributor spray-bar checks
Relevant Method	BS 1707

Maintain Alignment and Container Order

Clean and number containers and align the trolley across the effective spray width. After spraying, measure each container using the same method and record its position.

From Spraying to Distribution Assessment

01
Align
Position trolley and containers in the spray area.

02
Collect
Capture binder in separate containers.

03
Measure
Record each reading and container position.

04
Compare
Assess the transverse profile and mean deviations.

Product Page | liyatest.com.tr/en/urun/depot-tray-test-set/