

Hail Impact Tester



Description

Hailstorms can cause severe damage to modules and collectors. Our test stand enables you to carry out tests according to international standards. The hail impact test stand uses an air-pressurized launcher which shoots ice balls representing hailstones of a predetermined size at the module or collector mounted on the support frame.

Features

- Air pressurized launcher
- X-Y-support for aiming on points defined by the standard
- Easy module installation
- Rapid changes between different hail stone sizes
- Ice ball production
- Laser speed measurement
- Ultrasonic distance measurement between launcher and target

Technical Specifications

Standard Test Area	3 m x 1.8 m
Simultaneous Testing Capacity	1
Hail Stones	9
Standard Diamteters	25, 35 and 45 mm
Velocity of Ice Balls	10–40 m/s
Relevant Standards	IEC 61215, IEC 61646, EN 12975, ISO 9806