WATER PROTECTION (IPX)

Rain and Water Spray Test System IPX1–IPX6 (TL-RT-IPX)

Model TL-RT-IPX | IEC 60529 | ISO 20653 | IPX1–IPX6

DESCRIPTION

Water protection test system combining drip, oscillating-tube rain and powerful water-jet tests in one room (IEC 60529 / ISO 20653, IPX1–IPX6). Test bench, water tank, turntable and spray system; IPX7 immersion and IPX9K high-pressure/temperature modules on request.



Image for illustration; configuration may differ

TECHNICAL FEATURES

- IPX1/X2 drip: 0.4 mm drippers; height-adjustable drip tray
- IPX5/X6 water jet: Ø6.3 mm and Ø12.5 mm nozzles
- Two turntables (size on request); programmable speed and duration
- Room approx. D 3,000 × W 2,500 × H 2,500 mm (project-specific)
- Leakage, water shortage, overload and safety-distance protection; 380 V, 50 Hz, 5 kW
- IPX3/X4 oscillating tube: 120° for IPX3, 180° for IPX4; programmable angle
- Frequency-controlled pump and electronic flowmeter for closed-loop flow control; flow set directly on the touch screen
- Test water recycling and three-stage filtration; stainless steel / brass nozzles
- TLI-TexLabInstruments touch-screen PLC control; automatic drain and drying of the drip tray

APPLICABLE METHODS

IEC 60529	ISO 20653	DIN 40050-9
IPX1–IPX6 water protection	Road vehicles – degrees of protection	Road vehicles – IP code

SUPPLY AND SERVICE

- One (1) year warranty
- Installation, commissioning and operator training
- Remote technical support after installation
- Spare parts and service from Istanbul

WHY TLI-TEXLABINSTRUMENTS

- Control system and software by TLI-TexLabInstruments
- CE marked instruments
- ISO 9001 / 14001 / 45001 certified manufacturer
- Direct sales to 16 countries and the EU

Please note: Values refer to the standard configuration; room and chamber dimensions, electrical power and site requirements are given in the technical specification of the ordered configuration. Image for illustration; the delivered configuration may differ.

Specification and quotation

Send us your test specification and specimen details.

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Product page: www.texlabinstruments.com/en/p/txl-gen-032-rain-and-water-spray-test-system-tl-rt-ipx
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