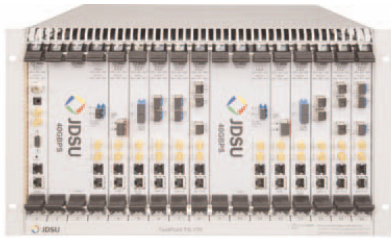# TestPoint TS-chassis (TS-10, TS-30, and TS-170)

Key Features

- The TestPoint chassis support hot swappability and a high level of independence for all modules

- The TestPoint chassis provide scalability and high port density

- Control of TestPoint equipment is achieved over a web browser and Java plug-in removing the need to install PC software

- TestPoint supports simple and robust automation

The JDSU TestPoint TS-10 chassis provides a fixed interface configuration and is a lightweight, easy-to-carry platform equipped with a handle.

The JDSU TestPoint TS-30 and TS-170 are slot-based chassis equipped with modules. The TS-30 can be configured for rack mounting or portability with a handle and bumpers.

All modules in the TS-30 and TS-170 support hot insertion and removal.

Modules and configurations, including available options, are:

- 10Gbps (TS-10, TS-30, and TS-170)
- 1Gbps (TS-10, TS-30, and TS-170)
- 40Gbps (TS-30 and TS-170)
- Multi-Rate (TS-10, TS-30, and TS-170)
- Group Controller (TS-30 and TS-170)s

SYSTEM

Connectivity and GUI

Requires PC and 10/100BASE-T LAN connection. Static IP and DHCP (dynamic IP) support

LAN management port supports simple network time protocol (SNTP)

GUI interface via web browser and Java plug-in. No PC software required

TS-30/170: PC connects to modules via the Group Controller (one LAN cable) or directly to each module's faceplate

TS-30/170:Group Controller supports multiple concurrent users

Automation

Via Command Line Interface (CLI) ASCII commands.

Connection to CLI via Telnet, socket connections, or serial port

Automation toolkits available in: Python / C / TCL / LabView / Visual Basic

Management Functions

GUI installation tool provided for field software upgrades

Each module has non-volatile storage for: software loads / configuration files / event logs / test results / capture files

Result files (event logs / test results / RFC 2544 results) can be automatically transferred to the controlling PC

TS-30/170:Group Controller module provides external clocking ports:T1 / E1 / GPS (including 10MHz) / and other rates

CHASSIS

The TS-10 provides a fixed interface configuration. The TS-30 and TS-170 are slot-based and all modules support hot insertion and removal.

TS-10

The TS-10 is a lightweight, easy to carry platform equipped with a handle.

Chassis specifications

Height	5.6 cm; 2.25 inches		Depth	42.5 cm; 17 inches	
Width	35 cm; 14 inches		Width	3.7 kg; 8.1 lbs	
Operating temperature		0-35℃	Operating humidity		0-85%

TS-30

The TS-30 provides three slots. It either comes with a rackmount kit or a handle and bumpers. The Group Controller module or any test module may use slot 0.

Chassis specifications

Height	8.75 cm; 3.5 inches		Depth	37.5 cm; 15 inches	
Width	42.5 cm; 17 inches		Width	7.7 kg; 17 lbs	
Operating temperature		0-35℃	Operating humidity		0-85%

TS-170

The TS-170 provides seventeen slots. Test modules may occupy sixteen slots, slot 0 is reserved for the optional Group Controller module. The TS-170 comes with a rackmount kit.

Chassis specifications

Height	26.25 cm; 10.5 inches		Depth	52.5 cm; 21 inches	
Width	42.5 cm; 17 inches		Width	22.7 kg; 50 lbs	
Operating temperature		0-35℃	Operating humidity		0-85%

ORDERING INFORMATION

TS-170

N550-0090	TS-170 17-slot chassis

TS-30

N550-0100	TS-30 3-slot chassis- commercial version
N550-0101	TS-30 3-slot chassis-industrial version
OPT 0100-03	19-inch rack-mount kit for TS-30
OPT 0100-04	Rubber bumpers and transport handle kit for TS-30 chassis

Accessories

OPT 0100-10	Wheeled hard travel case accepting TS-30 or TS-10 chassis
N470-002	Filler modules for TS-30/TS-170 chassis

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