

# **Run FCC Proof of Performance tests** **(including CTB) with NO service disruptions!**



## **TVMS Model 4200 In-Service Test Processor**

- In-Service CTB capabilities with the 8591C opt 107, 2715 or AT2000R analyzers.
- Provides signal conditions required by the 2715, 8591C, and AT2000R for accurate, in-service C/N, In-Channel Response, and Coherent Disturbance tests.
- Remote control features give the field tech control of test timing and conditions.
- Eliminates the need for a tech in the headend during proofs.
- Flexible; select any scan lines between 10 and 25 for tests.
- Economical, allows installation on all test channels.



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## Features

**No service disruption for CTB tests!** IF gating is provided for in-service CTB tests. The 4200's remote control feature allows coherent disturbance tests (including CTB) to be completed with only brief audio buzz. No picture disruption!

**Get maximum benefit from your automated test gear!** Provides the clean, consistent test conditions required by the 2715, 8591C, and AT2000R. No more problems caused by noisy in-coming feeds or lack of test signals for In-Channel Response tests.

**Save labor costs!** The 4200 can be controlled by the field tech using a cell phone or radio link. This speeds up the test process and eliminates the need for a tech in the headend during proofs.

**Been running tests at night?** Gated CTB capability makes testing at night unnecessary.

**No need for fudge factors!** The 4200 allows you to run C/N and In-Channel Response tests at the output of set-top converters — as the rules require. No more inaccurate “correction factors” in an attempt to compensate for tests at the tap! Tests can be run under normal operating conditions, headend to subscriber terminal.

**Run tests on scrambled channels!** By running In-Channel Response and C/N tests at the output of the converter, tests can be conducted on scrambled channels — with the scrambler in service! This makes it much easier to select channels for proofs. It also reflects what the subscriber is actually receiving.

**Monthly tests are a snap!** If you use an analyzer with gated measurement capabilities (8591C opt 107, 2715 or AT2000R), you can leave 4200s in service year round. Run tests when and where you want!

**Use different line numbers on different channels!** Because a 4200 is installed on each test channel, you have all the flexibility you need to avoid undesired deletion of data or VITS.

**Installation is fast and easy.** Simply insert the 4200 in the unscrambled video path and connect the video IF signal to the 4200's IF loop. A rack adapter is available to mount three 4200s in a one unit high rack space (1 7/8 inches). Additional power connectors on the back allow multiple 4200s to be powered by a single power module.

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### Price list:

Model	Description	Price
4200	In-Service Test Processor, with 500 mA power cube.	\$875.00
4200-9R	Nine 4200s, 3 rack adapters, 3 heavy-duty power cubes, 3 power jumper cables, pre-assembled — ready to install.	\$7875.00
016-0300-00	Heavy-duty 1.5 A regulated power cube. Powers three 4200s.	\$51.00
405-0100-00	Rack adapter. For mounting three 4200s in one rack unit (1 7/8 ").	\$54.00
<b>X-10<sup>®</sup> Modules — an inexpensive method of remote control.</b>		
TR551	Telephone interface for X-10 Modules.	\$88.00
AM466	AC Line switching module for X-10 system.	\$20.00
UM506	Universal switching module (contact closure type) for X-10 system.	\$25.00

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