

MPEG Handheld Tester

▶ AD920



AD920 is the first line of defense for critical MPEG error analysis. Its rugged casing and simple operation make it perfect for field use. Ideal for simple error checking, the AD920 monitors an ASI/SMPTE310M stream in real time giving graphical indication of stream associated rates, and counts errors as defined in TR101290 (formerly ETR290) First priority^{*1} testing. A log of errors is maintained on screen giving the user historical representation of stream associated errors.

^{*1} Does not include PID error (1.6) test.

Standard Tests:

- ▶ Transport stream ID
- ▶ Maximum rate indication
- ▶ PAT error indication
- ▶ PMT error indication
- ▶ Continuity count error
- ▶ Transport error
- ▶ Sync byte error
- ▶ Data rate
- ▶ Transport rate
- ▶ Sync loss
- ▶ Packet size
- ▶ ASI data mode – *ASI only*
- ▶ ASI validity – *ASI only*
- ▶ Clock rate – *ASI only*
- ▶ Signal level

▶ Features & Benefits

Get New Installations Up and Running Faster by Reducing Kit Share and Improving Fault Diagnosis/Stream Conformance Measurement

Transport Stream Error Status Available at a Glance Allowing the User to Fix Faults Faster

Truly Portable Handheld MPEG Test Tool Allows Rapid, Go Anywhere Response

▶ Applications

System Troubleshooting

MPEG-2 System Commissioning

MPEG-2 System Maintenance

Integration:

Physical Layer Measurement

Including Signal Level

Data Presence

Cable Stability

MUX Output

Confidence Testing

Hub Routing Test

Maintenance:

HDTV/SD Confidence Testing

Fault Isolation to Transport and

Physical Layer

Routine Maintenance

Disaster Recovery Through

Widespread Deployment

Contribution Feed Fault Isolation

MPEG Handheld Tester

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▶ Characteristics

Power Specifications

Power – Li-Ion >5 hours continuous.

Operating Temperature – 0°C to 40°C.

Monitoring – Max transport rate: 100 Mb/s.

Min transport rate: 64 Kb/s.

Physical Characteristics

AD920

| Dimensions | cm | in. |
|------------|-----------|--------------|
| Width | 9 to 14.5 | 3.54 to 5.71 |
| Height | 26.5 | 10.43 |
| Depth | 5 | 1.97 |
| Weight | kg | lb. |
| Net | 0.8 | 1.32 |

▶ Ordering Information

Platform

AD920 – MPEG Handheld Tester.

Contact Tektronix

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