

OL 770-DMS Display Measurement System Features, Advantages, and Benefits

Feature	Advantages and Benefits
CCD Camera	<ul style="list-style-type: none"> • Remote viewing, especially useful for inaccessible locations • Record and archive image proof of measurement • Images can be stored and viewed with spectral data • Adjustable contrast and brightness • Simultaneous viewing by multiple users
Lightweight/ Compact	<ul style="list-style-type: none"> • Suitable for smaller, lightweight tripods or stages • Less power required for moving and positioning • Faster movement with less overshoot
Interchangeable Camera Lens	<ul style="list-style-type: none"> • Low cost, high quality lens design with AR coating • Available off the shelf • Choice of custom field-of-views, spot sizes, measurement distances • Close-up lenses and accessories available • Higher throughput provides for faster measurements • Excellent image quality with no aberrations or ghosts
Direct Viewing Optics	<ul style="list-style-type: none"> • Measurement area can be directly viewed with unambiguous target alignment • No parallax alignment errors • Industry-accepted “best optic” for display measurements • No moving parts allows for operation at all orientations • Unsurpassed repeatability and long life

Software Features	Advantages and Benefits
Value Monitor	<ul style="list-style-type: none"> • Select up to (6) key parameters • Set pass/ fail limits with audio and visual alarms • Ideal for production testing • Quicker test times and more reliable results
Value Tree	<ul style="list-style-type: none"> • Includes all frequently used display measurements parameters • Immediately displays measurement results
MS Word™ Document Reports	<ul style="list-style-type: none"> • Automatically inserts results and graphs into user report templates
Export Data Directly into MS Excel™	<ul style="list-style-type: none"> • Spectral data and calculated values are easily available for analysis in MS Excel™ templates • Automatically store all test data into MS Excel™ document
System Response Calibration	<ul style="list-style-type: none"> • Maintains accuracy • User-created calibration files for each system configuration
Other Special Features	<ul style="list-style-type: none"> • System configurations stored with each data file • Hardware/ software triggering options • Raw CCD detector data available