
Imatest Master

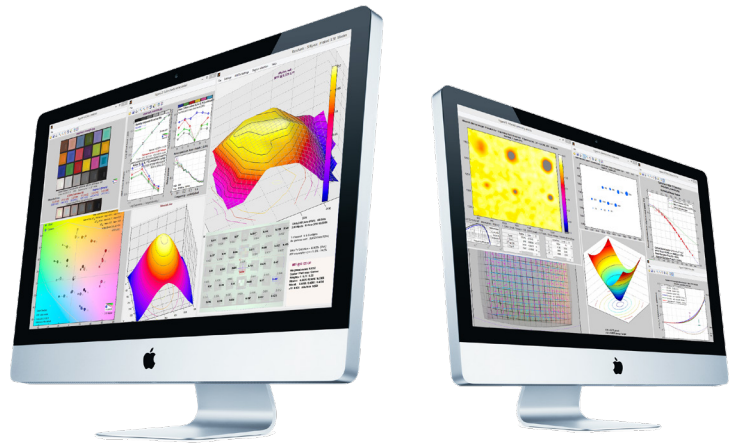
Image Quality Analysis

Why Imatest Master?

In today's rapidly changing imaging industries, numerous companies are pressured to produce cameras with higher quality and newer features than the generation before them. Along with millions of dollars spent each year developing more capable cameras, companies have also needed to focus on the quality of their image testing software. But internally produced testing software often relies on infrequently updated ISO standards, causing some companies to test their product's image quality incompletely and inaccurately. Imatest Master meets this challenge by providing state-of-the-art software modules that test nearly any conceivable type of camera for over a dozen image quality factors, including sharpness, noise, dynamic range, and color accuracy.

“ We decided to leverage Imatest, a de facto industry standard, instead of developing our own image quality testing metrics. ”

Signal Processing Software Manager
at a Leading Semiconductor Firm



Selected Features:

- **eSFR ISO** tests a large number of image quality factors with a single multi-feature test chart.
- **Arbitrary Charts** allows you to automatically test your own custom chart.
- **Image Acquisition** acquires images in real-time from a wide range of sensors and cameras.
- **Test Manager** organizes a set of modules to run with user-defined test plans and stores the results in a database.
- **Reports** feature creates custom interactive reports with only the results you desire.

Benefits:

- Imatest Master is the industry standard for communicating image quality results and is more reliable and cost-effective than creating in-house software.
- Using the multi-feature SFRplus or eSFR ISO 12233:2014+ test chart greatly reduces the amount of time needed to measure many image quality factors.
- Test Manager, Database, and Reports features allow companies to set up repeatable compressive test plans and communicate relevant results.