

## Spectrophotometers for Orange Juice Grading



When combined with Color iQC software, the Ci7600 and Ci7520 spectrophotometers for color grading orange juice delivers a complete color measurement and orange juice grading solution for quality control professionals. It is stable, delivers true consistency and is easy to service to keep your operation running. Recently approved by the USDA, the X-Rite Ci7600 and Ci7520 spectrophotometers for color grading orange juice in conjunction with X-Rite Color iQC software allows you to measure color scores for frozen concentrated orange juice (FCOJ), canned concentrated orange juice (CCOJ), concentrated orange juice for manufacturing (COJFM), pasteurized orange juice (POJ), canned single strength orange juice (CSSOJ), and orange juice from concentrate (OJFC) to achieve the OJ standard and deliver verified results.

The X-Rite solution provides you with an integrated and easy to use test tube holder for juice measurement, enabling you to quickly get your color scores. Those results are displayed as a Citrus Number (CN) in the iQC software. These quantitative values allow citrus producers to accurately evaluate the quality of their products.



# X-Rite Solution for Measuring Orange Juice Color Scores



## Additional Benefits of the Ci7600 and Ci7520

- The integrated test tube holder is attached magnetically to minimize risk to the instrument when presenting samples.
- LED panel enables operators to easily verify current instrument status and configuration at a glance.
- Internal humidity and temperature sensors ensure complete audit trail of changes to measurements.
- Compliant with industry standards, including CIE No.15, ASTM D1003, and ISO 7724/1 and approved by the USDA for orange juice color score measurement
- Its 0.15  $\Delta E^*$  inter-instrument agreement means it can communicate accurately, and its 0.03  $\Delta E^*$  repeatability makes it a solution that provides consistency, measurement after measurement.
- Automated, software-driven set-up delivers consistent configuration across all locations, minimizing configuration errors.
- The Ci7520 offers reflectance measurements while the Ci7600 offers both reflectance and transmission measurements.

## Additional Benefits of the Color iQC software

- Easy to use job-based solution leverages portable jobs that contain color data and all criteria necessary for color management decisions, enabling all stakeholders to see data consistently across the color workflow.
- Defined templates establish common processes or materials, including pre-defined standards, tolerances, settings and displays to ensure operational consistency.
- Ability to define instrument calibration and measurement modes ensures data integrity and accurate, correct measurement practices.
- Centralized control and management of functionality and data offers the ability to move from quality control to quality assurance, analyzing performance, identifying leading indicators and adjusting processes as necessary.

## Service Support & Warranty

Drawing on our extensive color expertise, X-Rite offers the right level of services on-site, online or on the phone, to support and nurture your business. For additional protection beyond the one-year warranty, take advantage of our extended warranty program. With global full service contracts, you can ensure your devices are well maintained through X-Rite's Annual Five Point Checkup, uniquely developed to keep devices performing to original specifications. With twelve global service centers, we make it easy to reach us. For more information about extended support options, visit [www.xrite.com/extended-warranties-services](http://www.xrite.com/extended-warranties-services).