



COLOR WATCHER LAB



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COLOR INSPECTION

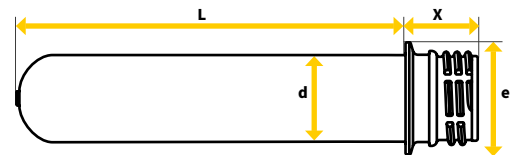
COLOR DEVIATIONS DO OCCUR

Color deviations are among the most common errors in the production of preforms. Even small color variations can lead to a distorted perception of the final product. Therefore, color accuracy in preforms is one of the most important elements that the customer will pay attention to.

In addition, too much color in a preform can indicate too much masterbatch use, and thus inefficiencies in the process.

THE COLORWATCHER LAB: THE SPECIAL SOLUTION

To detect such deviations, a targeted inspection is required. The INTRAVIS ColorWatcher Lab provides you with a system that focuses specifically on the inspection of color deviations, making the work of your team in the quality lab much easier.



Length Thread (X) 10-22 mm [0.39-0.87 inch]

Length Preform (L) 50-135 mm [1.97-5.31 inch]

Diameter Measurement Position (d) 20-45 mm [0.79-1.77 inch]

Diameter Support Ledge (e) 20-50mm [0.79-1.97 inch]

Minimum/maximum Preform dimensions



MODERN SYSTEM FOR YOUR LAB

As its name suggests, the ColorWatcher Lab is designed as a laboratory system, intended to operate on a normal work table. It reliably inspects the color accuracy of your preform.

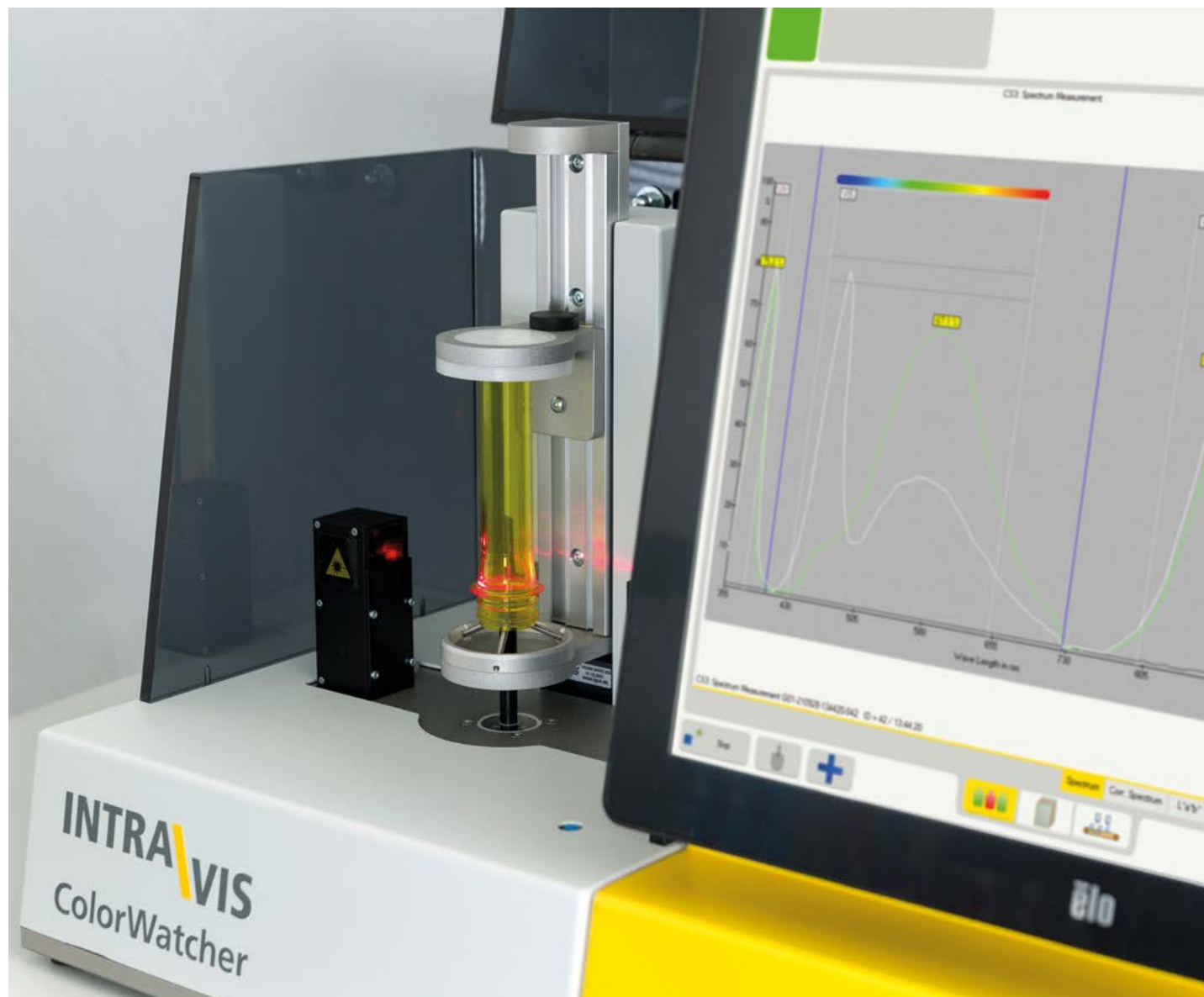
OBJECTIVE, REPRODUCIBLE INSPECTIONS

The ColorWatcher Lab utilizes a spectrometer that can inspect transparent, translucent and opaque preforms. It is adjustable and requires no change parts. Thanks to the objective and reproduceable design, it doesn't matter whether the inspection is performed by an expert or a trainee – the result will always be the same.

EASY OPERATION

Like every INTRAVIS system, the ColorWatcher Lab is delivered to you ready to use. Our in-house IntraVision software is characterized by its ease of use, which has been refined over the years. Even inexperienced operators can create a reference and perform their first inspection in no time.

PREFORM COLOR VERIFICATION



The ColorWatcher Lab is a laboratory system for reliable color inspection of transparent, translucent and opaque preforms



FAST AVAILABILITY OF DATA

The inspection results are available immediately after the measurement. The system provides extensive, exportable reports that enable you to respond quickly and convincingly to customer inquiries. Optionally, a data connection is available to export to your local data processing system.

EXTENSIVE USER MANAGEMENT

The ColorWatcher Lab includes a comprehensive user administration system so you can review the results of each inspection in the future. Each operator can be set up for unique access rights, and measurements are logged, so that you have the documentation available to diagnose inspection issues.



AT A GLANCE

- Inspection of color accuracy using a spectrometer for transparent, translucent and opaque preforms
- Precise results are assured due to reproducible, objective measurements
- No change parts required
- Modern laboratory system with intuitive and simple user interface
- Fast availability of inspection reports thanks to data export via FASDB adapter and data connection
- Extensive user administration including log function



Color verification with the ColorWatcher Lab

GET IN TOUCH

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