



Fast, simple and complete ink management from production to storage

InkWeigh is a complete ink management solution that allows you to weigh the initial recipe and perform color corrections quickly, easily, and accurately—in the ink kitchen or at press-side. InkWeigh manages the entire ink workflow: Weighing, leftovers, traceability, and warehouse management.

Features and Benefits

- Simplifies color management workflow by enabling press operators to directly access the ink formulation database for live updates, and to ensure precise dose weighing for perfect color corrections.
- Drastically reduces the number of ink corrections needed to achieve optimal color, through recalculation of doses due to error.
- Manage the growing demand for traceability and food safety, using the Traceability Module.
- Quick access to data for exporting reports and searching with filters provides easy management of all color information.
- Compatibility with ink formulation software, direct access to the recipe database, and a perfectly integrated scale make InkWeigh a complete solution.
- High return on investment through ink savings, with the ability to manage and use leftover inks.

InkWeigh Software

Highly intuitive InkWeigh software obtains ink recipes directly from the formulation software database, and makes weighing the components fast and easy with a “Weigh Progress Bar.”

View Functionality

Shows saved recipes in the CIELAB (L*a*b*) color space.

Correction Functionality

Receives color corrections directly from Baldwin Vision Systems' ColorTrack™ or other recipe formulation software, and displays an on-screen notification. At any time, the operator can easily weigh the dose and link it to a specific job or customer.

History Functionality

Creates a database of previous ink weight measurements, and

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InkWeigh Software (continued)

enables searches and easy collection of data such as date, customer, components, recipe, and recipe cost.

Leftover Module (option)

Enables proper management of leftover ink by tracking leftover stock and making it available to the InkWeigh system. Leftover ink can be used in place of new ink, when appropriate—reducing the recipe cost, leftover stock, and the cost of storage space. The **Leftover Group** functionality allows operators to group the leftover ink in storage, based on parameters such as ΔE , similar components, or color targets.

Traceability Module (option)

Allows tracking of production batch information, and prohibits the use of ink without a determined origin. This module brings a “Production Batch Search” function to InkWeigh History, and “Origin Information” to InkWeigh Leftover.

Hardware Options

InkWeigh Scale 36000

Available in a non-ATEX and ATEX zone 2 versions, the InkWeigh Scale 36000 provides precise measurement up to 36 kilograms, and can be read in increments of 0.1 grams.

InkWeigh Scale 7500 DR (non-ATEX)

Provides precise double-range measurements in increments of 0.01 grams from 0 g to 950 g, and 0.1 grams from 950 g to 7.5 kg.

InkWeigh Station

Constructed of press-folded and welded sheet metal (thickness 15/10), the cabinet door has reversible hinges with a 110° opening and double-tab locks. Painted with thermosetting epoxy-polyester powders in RAL 7035 textured finish. Keyboard and mouse included.

Requirements/Specifications

User Screen

24” monitor with 1920 x 1080 display (VESA mounting holes for InkWeigh Station).

Computer

- Core 2 Duo, 2GHZ
- 4 GB RAM
- 150 GB of available hard-disk space
- Windows 7 or 10, 32-bit or 64-bit
- .NET 4.5
- 8 port USB o HUB
- Network connection
- Security and malware protection



InkWeigh Station

Contact

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