ITPS-Net :

iTPS™
ISHIDA TOTAL PACKAGING SYSTEM
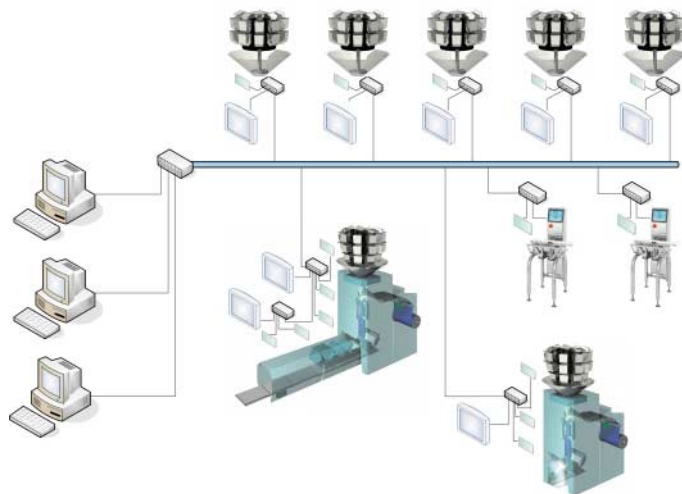
Expanding weigher performance with network capability.

The Ishida Total Packaging System (ITPS) network integrates the CCW-R weigher and other Ishida equipment into an Ethernet network, and exchanges the data using a Windows-based PC via OPC or DDE server technology. Preset and production data can be easily shared with this network capability.

Specifications and design are subject to change without notice.

▼ **ISHIDA** ▲

High-Speed Multihead Weigher
CCW-R
SERIES

iTPS™
ISHIDA TOTAL PACKAGING SYSTEM

1
High-Speed Production & Accuracy

Ishida CCW-R weighers deliver unsurpassed accuracy and productivity with models that meet a full range of production speed requirements. From moderate to high-speed applications up to 180 weighments per minute, Ishida maximizes packaging performance with solid mechanical designs and state-of-the-art weighing technology.

The CCW-R Series of weighers from Ishida, the inventor of multihead weighing and the world leader in scale technology, takes packaging another step forward with advances in digital filtering, combination calculations, and hopper drive patterns that maximize production speeds with unbeatable filling accuracy.

2
High Production Efficiency

Ishida insures that the benefits of high production speeds are not lost through operating inefficiency. CCW-R weighers operate at the highest efficiencies possible using advanced technologies that include:

- Advanced AFD, an automatic feed control system that maintains good product feed, reducing operator involvement.
- Automatic Timing Settings that optimize product transfer through the weigher.
- Self-adjusting PWM feeder control automatically tunes feeder vibration amplitude to maximize product delivery.

3
User-Friendly Operation

The CCW-R weigher's completely new user interface is powerful, interactive and informative. The large 12.1" full color LCD touch screen panel displays data that is clear, concise and easy to navigate, reducing the risk of operator errors that can affect production performance.

4
Sanitary Design

An all stainless steel main body, product contact parts that are removable without tools, and a unique design of linkless and springless hoppers, minimize clean-up time and costs. CCW-R weighers are also available in waterproof construction to withstand harsh packaging environments and wet cleaning procedures.

Powerful and Easy-to-Operate User Interface on Windows XP® Embedded Operating System Platform
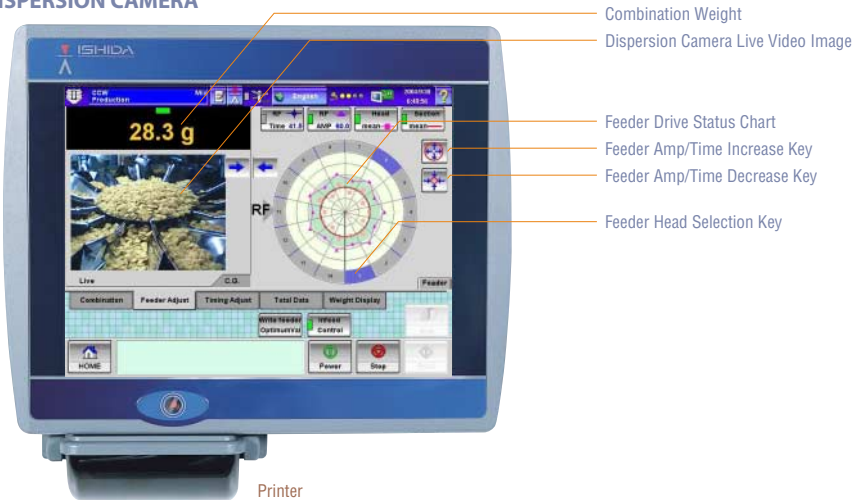
CCW-R weighers feature Ishida's new user interface on an operator control panel with a 12.1" color LCD display screen. Combining the broad applications of Windows-XP with Ishida's broad experience in packaging systems, the new control unit assists line operators with all operational functions.

- USB camera for real-time monitoring of product conditions on the dispersion and radial feeders.
- Built-in USB camera to photograph product or bag samples for the operating presets, simplifying setup and reducing possible operator errors setting up the next production run.
- An HTML operation manual/PDF technical document can be displayed with pre-installed Microsoft® Internet Explorer or Adobe Acrobat® Reader®.
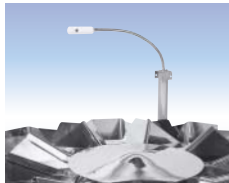
INITIAL SCREEN

Message Board Key
Electronic Operation Manual Key
Startup Assistant Key
Language Key
Operation Level Key
Message Tip (Pop-up Help) key
Photo of Current Preset Product

Current Preset Information
Zero Adjustment
Drain Key
Full Open Key

Start Key
Power Key
Camera

Printer

FEEDER ADJUSTMENT SCREEN WITH DISPERSION CAMERA

Combination Weight
Dispersion Camera Live Video Image

Feeder Drive Status Chart
Feeder Amp/Time Increase Key
Feeder Amp/Time Decrease Key
Feeder Head Selection Key

Printer

FOR EASY PRODUCTION

USB® Dispersion Feeder Camera

Memory Card
Load product photos onto the operation screen to assist in selecting the correct product preset.

Assistant Screen

Preset Selection Screen

3D View Feeder Adjustment Screen

Timing Adjustment Screen

Error Screen

ANALYZE YOUR PRODUCTOIN QUALITY
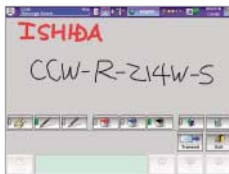
Total Screen

Histogram Screen

Machine Data Screen

Individual Head Screen

USER-FRIENDLY FEATURES

Message Board Screen
(Hand-written messages)

Multi-language Selection Screen

Message Tip (Pop-up Help)

HTML Operation Screen