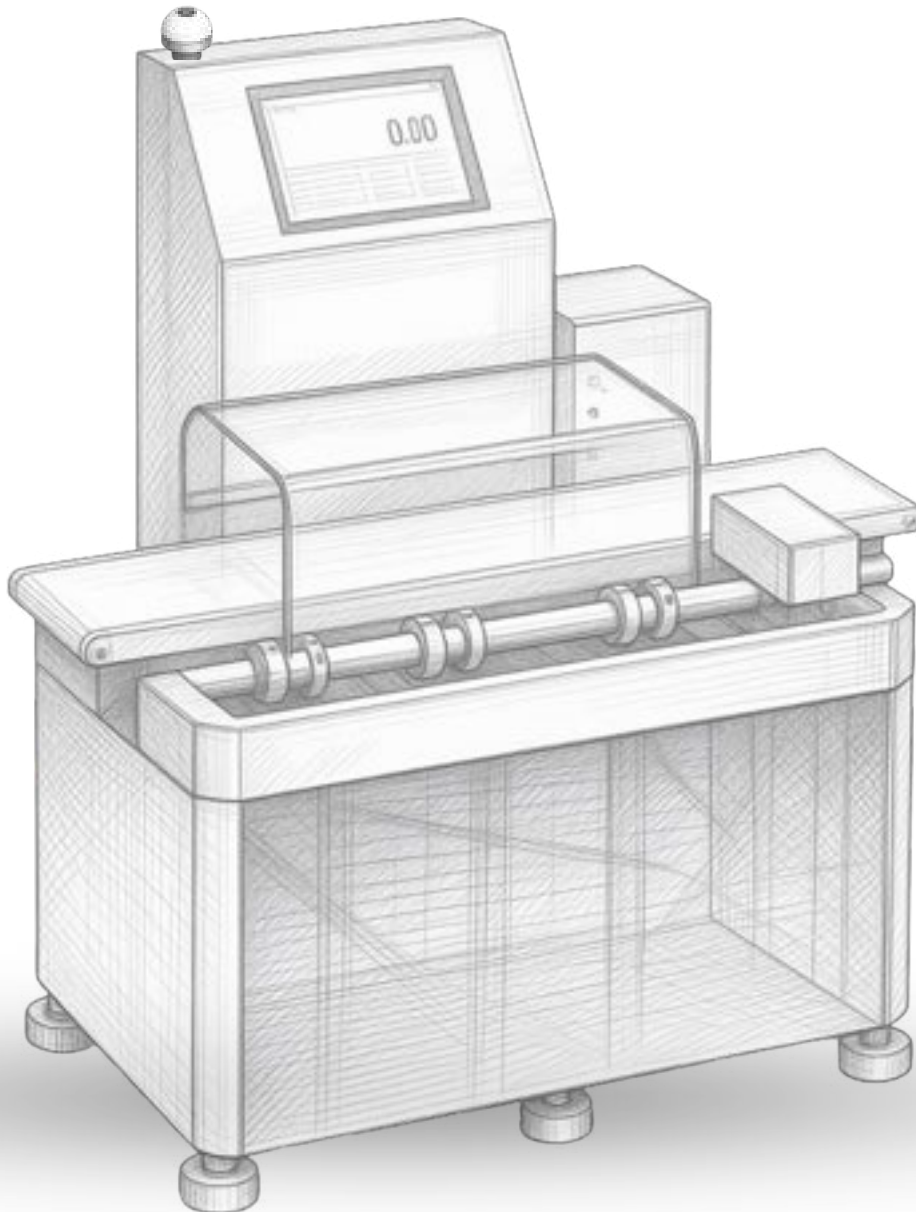


CHECKWEIGHER

Next Generation Checkweigher Vision



Integrated with High-Speed Online HP TIJ Printing

We are an Authorized OEM Partner of HP USA, a global leader in Thermal Inkjet Printing Technology.

About Company

The Utopia Group is a leading technology developer, integrator, and manufacturer specializing in advanced industrial automation and high-precision electronic systems.

Since our inception in 1997, we have evolved from a specialized power management manufacturer into a multidisciplinary automation system provider to over 120 leading companies globally.

Pharmaceutical Machine Vision : Since 2008, Utopia Optovision Pvt. Ltd. has been developing high-end pharmaceutical machine vision solutions to address the critical challenge of counterfeiting across the pharma supply chain.

WHY CHOOSE UTOPIA ?

Company Legacy



25+Years
of Engineering Excellence



30 Years
experience of our expert team



Filed Over 30 Patents
12+ Granted Patents Delivering
Innovative Solutions.

Company Milestone



Millions
of Telecom controller Installed



200 +
Completed Track and Trace lines



100+ Skilled Professionals
Committed to Technical Excellence
& Customer Success.

End-to-End In-House Capabilities

The company's key strength lies in its complete in-house design, development, and manufacturing capabilities, including :

- **Electronics** – Advanced Embedded Electronics Design.
- **Mechanical components** – Precision Engineered Mechanical Systems.
- **Electrical systems** – Integrated Power & Control Solutions.
- **Software integration** – Smart Software & HMI Development.

UTO NEX 100

MONOCOQUE CHECKWEIGHER DESIGN BUILT FOR STRENGTH DESIGNED FOR ACCURACY

UTO NEX 100 is a next-generation dynamic checkweigher engineered for high speed, high-accuracy weighing. Its robust monocoque stainless-steel construction ensures reliable performance, minimal maintenance, and long service life, even in the most demanding production environments.



KEY FEATURES

- Up to 100 Products/min
- Monocoque Stainless-Steel Design for Superior Strength & Hygiene
- 21 CFR Part 11 Compliance
- Real-Time Data Analysis, Statistics & Reporting
- Flexible Product Rejection Mechanisms

VALUE PROPOSITION

- High Throughput for Maximum Line Efficiency
- Simple & User-Friendly Machine Operation
- Reduced Product Giveaway and Operational Costs

- 21 CFR PART 11 COMPLIANCE

With 21 CFR Part 11 compliance, the Utopia Checkweigher ensures secure electronic records, audit trail functionality, controlled user access, and reliable data management for regulated manufacturing industries.

- GMP-READY HYGIENIC CONSTRUCTION

Designed to support stringent GMP requirements, the system incorporates easy-to-clean surfaces, hygienic construction, and optimized machine geometry to simplify cleaning procedures and maintain high operational standards.

- MULTIPLE MACHANISM OPTIONS

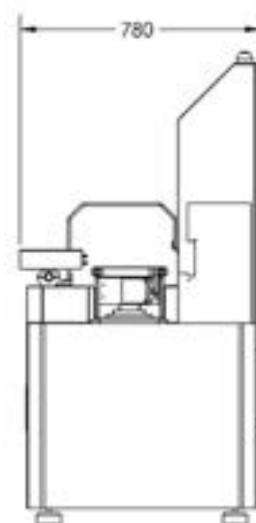
Infeed Mechanism : Side Guide Alignment, Star Wheel, Conveyor Synchronization.

Outfeed Mechanism : Straight Conveyor, Rotary Table, Collection Tray.

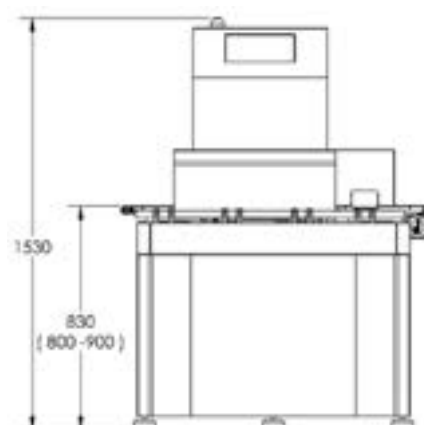
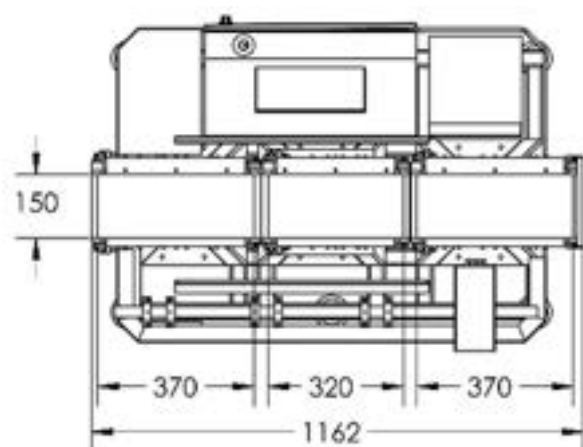
Rejection Mechanism : Pusher Type, Air Blow Type, Diverter Type, Drop Type.

SYSTEM OVERVIEW

• Weighing Range	6 to 600g
• Scale Division	0.1 g
• Maximum Speed	100 Products/min
• Maximum Accuracy	+ 0.1 g - 0.1 g
• Display	8.2 Colour Touch Screen Panel
• Belt Speed	9 to 82 m/minutes
• Power Requirement	200-240 V AC, 50 Hz
• Machine Structure	SS 304
• Machine Dimensions	1162 mm x 780mm x 1530mm



All dimensions are in mm.



PRECISION IN TECHNOLOGY. EXCELLENCE IN SERVICE.

At Utopia Optovision, we deliver more than advanced inspection and automation systems—we build long-term partnerships. From consultation and installation to training and responsive after-sales support, our expert team ensures maximum uptime, regulatory compliance, and reliable performance at every stage.

- **Dedicated Technical Support for Prompt Assistance**
- **Skilled Service Engineers Available for On-Site Support**
- **Remote Monitoring and Diagnostic Support for Critical Situations**
- **Preventive Maintenance to Reduce Downtime and Improve Performance**
- **Genuine Components and Spare Parts for Long-Term Reliability**
- **End-to-End Support for Sustainable Operations**



EMPOWERING GROWTH THROUGH SMART TECHNOLOGY.



Our Presence

- Blister Packing Lines
- Liquid Syrup Lines
- Injectable / Ampoule Lines
- Cartoning Lines
- Leaflet Folding Lines
- Manual Packaging Lines



Utopia Optovision Pvt. Ltd.

P-4/1, IT Park, Old MIDC,
Satara, Maharashtra 415004, India

☎ + 91 8459614126

✉ salesupport2@utopiaoptovision.com

🌐 www.utopiaoptovision.com