

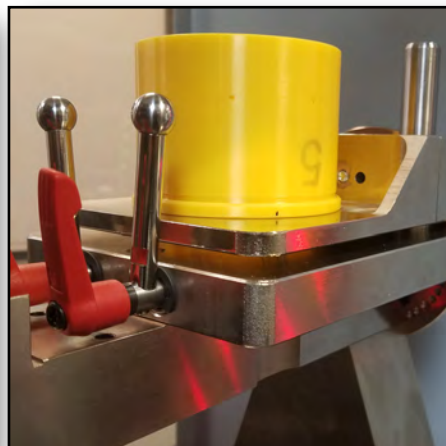
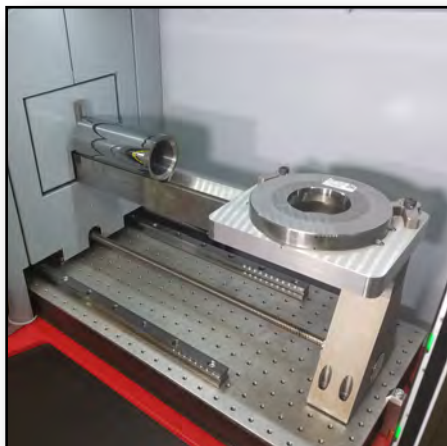


For Can Makers,
By Can Makers.

PART OF THE XANO GROUP

Too/SCAN 2.0TM

Precision Tooling Measurement



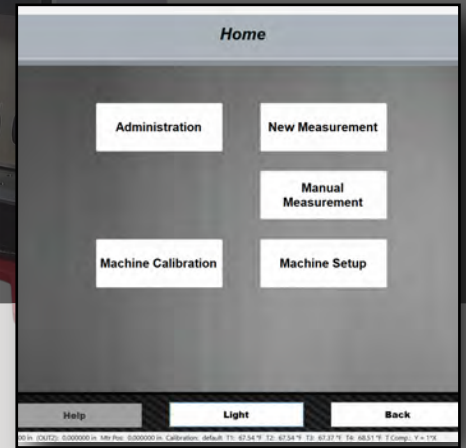
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High-precision, non-contact measurement gauge for **Bodymaker & Necker Tooling.**

The ToolSCAN 2.0 is a high-precision, non-contact measurement gauge designed specifically for can making tooling. Using advanced LED micrometer technology and a fully automated positioning system, ToolSCAN 2.0 delivers quick, repeatable, and accurate dimensional measurements for bodymaker and necker tooling. Its user-friendly touchscreen interface and robust construction make it an essential tool room solution for ensuring consistent can production and maximizing tooling life.



INSTALLATION & STARTUP SERVICE

IPS technician starts up the ToolSCAN 2.0™ machine and provides training to plant personnel (choice between onsite and remote installation).

AUTOMATED MEASUREMENT

Automated slide and alignment mechanisms ensure consistent measurement positions. Most measurements are completed in 15 seconds with minimal operator interaction.

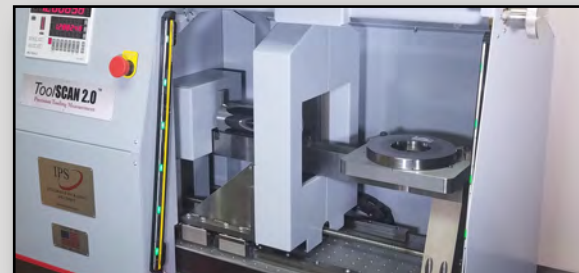
INTEGRATED TOOLSCAN SOFTWARE

Software that provides operators an intuitive workflow for creating products, managing calibration groups, storing tool data, and generating reports.



BODYMAKER TOOLING MASTERS SET

Outfitted with the appropriate bodymaker tooling masters for each measured size. Provides a stable, known reference for measurement verification.



NON-CONTACT LED MICROMETER TECHNOLOGY

High accuracy (± 0.000045 in) GaN green LED measurement ensures no physical wear on tools or gauge components while maintaining exceptional repeatability (± 0.000015 in).

ADDITIONAL ITEMS INCLUDED:

60" x 30" industrial benchtop, wireless keyboard, wireless mouse, and printer.

Additional Options



NECKING DIE FIXTURE & MASTERS

Enables measurement of multi stage necking dies with the same precision and accuracy expected from the ToolSCAN 2.0™.



DATA MATRIX CODE SCANNER

Hand-held scanner for use with tools etched with the serial number as a data matrix code. Allows for effortless entry of tool serial number.



TOOLCONTROL™ INTEGRATION

When paired with the IPS ToolCONTROL™ tool tracking and inventory software, measurement data can be digitally transferred and stored within the ToolCONTROL™ database.

TRANSLATION SERVICE ALSO AVAILABLE

Translation of ToolSCAN 2.0™ software and ToolSCAN 2.0™ manual into a localized language for global operator support.

Why ToolSCAN 2.0™

THE CHALLENGE

Manual measurements or manual measurement-recording can result in extra work for operators and increases the chances of human error. Contact measurement will wear tooling and the gauge over time, leading to incorrect results. Regardless of the method, incorrect tool measurements can lead to bodymaker tool packs that are out of standard progression, or poor match gaps in neckers. These issues can result in jams, can defects, premature tool wear, lost time and increased costs.

THE IPS SOLUTION

The ToolSCAN 2.0™ was developed in direct partnership with can makers to ensure the system reflects the practical demands in today's can plants. The non-contact measurement head prevents wear, increasing the longevity of both the tooling and the gauge. The quick, repeatable, and accurate measurements reduce workloads and allows operators to trust their measurements.

These improvements in the toolroom are amplified in production and can result in decreased defects, decreased costs, and improved efficiency for the plant.



OPERATIONAL GAINS

The ToolSCAN 2.0 automates measurements and provides quick, highly repeatable and highly accurate results. In addition, these improvements extend tool life through optimized regrind intervals and reduced premature replacement. In the toolroom, this streamlines workflows and leads to more precise toolpack assembly. On the production floor, this can result in lowered scrap rates and fewer defects, driving both cost savings and improved product quality.

Specifications

ToolSCAN 2.0™ Dimensions & Requirements	
Gross Weight	540 lbs (245 kg)
Power	100–240 VAC, 50/60Hz, Single Phase
Country of Origin	USA
Machine Dimensions (with bench)	
Width	60 in (152 cm)
Depth	30 in (77 cm)
Height	72 in (183 cm)
Footprint	1,800 in ² (11,600 cm ²)
Measurement Light Source	
GaN Green LED, 22 μW (Class 1)	
Capabilities	
Punches	OD, Step, Taper, Step Profile Scan, Roundness
Ironing Dies	ID, Roundness
Redraw Dies	ID, Roundness
Necker Dies (Optional)	ID, Roundness
Necker Knockouts (Optional)	OD, Roundness
Fixture Details - Measurement Range	
Bodymaker Die	1.77-3.27 in / 45-83 mm ID
Punch/Knockout	1.77-3.27 in / 45-83 mm OD
Necker Die	1.77-3.27 in / 45-83 mm ID
Fixture Details - Capacity	
Bodymaker Die	2.0-7.4 in / 51-188 mm OD
Punch/Knockout	≤ 11in / 279mm Length
Measurements - Diameter	
Accuracy	±0.000045 in / 1.1 μm
Repeatability	±0.0000015 in / 0.4 μm **
Measurements - Positional	
Accuracy	±0.00025 in / 6.0 μm

*Allow 36 in / 91 cm on left side of bench for electrical maintenance

**Gauge Repeatability and Reproducibility (GR&R) of Die ID in controlled environment



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Protect Your Plant and Stay Audit-Ready

Food safety depends on precision. Measurement devices used to monitor product quality and critical control points (CCPs) must be properly maintained to ensure compliance and protect consumers. Within HACCP-based food safety systems, calibration plays a critical role in verifying that CCPs are being properly monitored and controlled. Inaccurate instruments can compromise performance and lead to audit findings or non-conformances.

Global food safety standards – including SQF, BRCGS, FSSC 22000, and others under the GFSI framework – require that these instruments are calibrated at defined intervals against recognized standards.

These certification bodies now conduct unannounced audits without warning!

In those moments, there are no opportunities to correct gaps or locate missing calibration records -- putting a facility's ability to ship product at risk if they are not audit-ready.



IPS Helps You Maintain Food Safety Compliance

IPS provides professional calibration services for gauges, thermometers, pressure meters, and other critical measurement devices used in food and beverage manufacturing environments. These services are designed to support your HACCP and food safety programs by providing the following, when applicable:

- o Calibration certificates
- o Service completion reports
- o Traceability to recognized standards

Partner with IPS for Peace of Mind

By partnering with IPS, you ensure your measurement equipment continues to perform at a high level and withstand audit scrutiny. IPS' calibration processes align with GFSI and HACCP requirements, and result in audit-ready documentation.

Reach out to IPS today to discuss scheduling a calibration service!