Tegatron

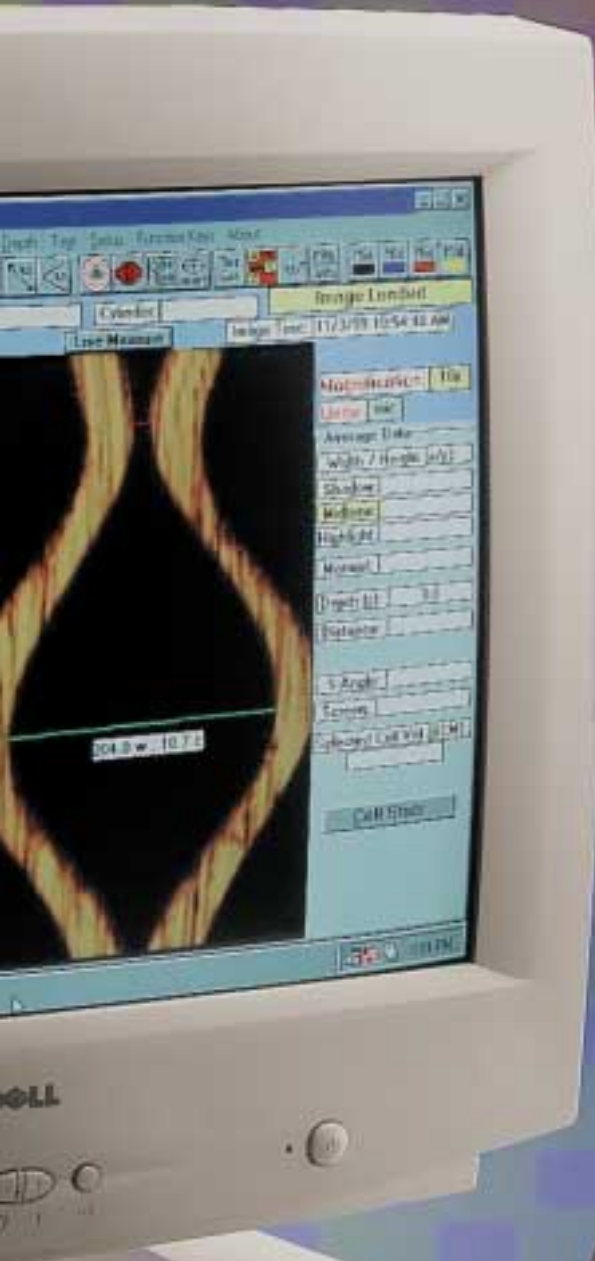**MICRO-CHECK®**
Test Instruments For Cylinders and Rolls

MICROSCOPIC
COMPUTERIZED
VIDEO MEASURING
ROLLSCOPE
SYSTEMS
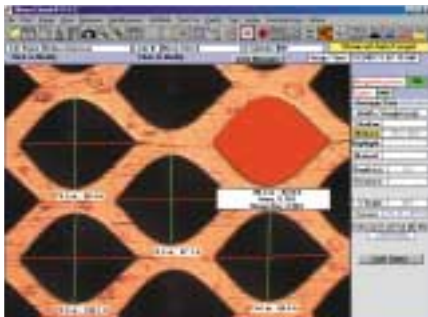FEATURING
MICRO-CHECK®
X-Y-Z™ SOFTWARE

SHIMA

Video Measurement Systems

Microscopic Video Inspection and Measuring featuring Tegatron and Micro-Check® Systems

For engraved cells on rotogravure cylinders and anilox rolls

Micro-Check® X-Y-Z™ Software is exclusively installed on Tegatron and Micro-Check® PC Rollscope Systems

▲ *Averaging of multiple targeted gravure cells*

▲ *Laser engraved cells on anilox roll*

For Manual Measurement of Engraved Cells

Plug n' Play PC based, automatic X-Y multiple cell measuring for gravure applications . . . features on-screen remote focusing and light adjustment

Plug n' Play
▲ TA SYSTEM
Tegatron Rollscope with Analog Line Generator

System includes:

Line Generator
(dual horizontal and vertical lines; displays measurements on-screen: horizontal, vertical, and depth)

Tegatron Rollscope with 4 Objectives 5x, 10x, 20x, 40x and motorized focusing

CCD Color Camera

Color Monitor

For manual measurement of gravure and anilox rolls including depth (z-axis)

Now with Micro-Check® X-Y-Z™ PC Software
▲ TMC SYSTEM
Tegatron Rollscope with Micro-Check® PC System

System includes:

Desktop Computer with Zip Drive

Tegatron Rollscope with 4 Objectives 5x, 10x, 20x, 40x and motorized focusing

CCD Color Camera

17 inch Color Monitor

All cables included

Preloaded with Micro-Check® X-Y-Z™ Software

Exclusive capabilities for the TMC System:
▲ On-screen remote focusing
▲ On-screen light adjustment

*These systems inclu
measuring and ins
multiple image compa*

![Tegatron logo] **Tegatron**

Automatic X-Y multiple cell measuring for gravure applications

Automatic X-Y multiple cell measuring for gravure applications . . . features enhanced lighting, sharper images and more stable targeting

The advanced features of the Micro-Check® Software are available on:

▲ TMC SYSTEM
Tegatron Rollscope with Micro-Check® PC System

▲ EMC SYSTEM
ECO Rollscope with Micro-Check® PC System

▲ UMC SYSTEM
UNI Rollscope with Micro-Check® PC System

Micro-Check® X-Y-Z™ software enables you to view, measure and store images.

Provides precise measurements (<1 micron) on three axes: X, Y and Z.

Images and measurements shown on-screen can be printed and/or saved in the software database.

▲ EMC SYSTEM
ECO Rollscope with Micro-Check® PC System

System includes:

Desktop Computer with Zip Drive

ECO Rollscope with 3 Objectives 10x, 20x, 40x and rubberized legs

CCD Color Camera

17 inch Color Monitor

Stage Micrometer for calibration

All cables included

Preloaded with Micro-Check® X-Y-Z™ Software

▲ UMC SYSTEM
UNI Rollscope with Micro-Check® PC System

System includes:
Desktop Computer with Zip Drive

UNI Rollscope with 4 Objectives 5x, 10x, 20x, 40x and rubberized legs

CCD Color Camera

17 inch Color Monitor

Stage Micrometer for calibration

All cables included

Preloaded with Micro-Check® X-Y-Z™ Software

Micro-Check® X-Y-Z™ Software

de preinstalled Micro-Check® X-Y-Z™ Software . . . a multi-function testing,
spection software that's easy to learn and use. It features auto targeting,
rison, database storage of images and data, plus easy on-screen measuring.

MICRO-CHECK®
Test Instruments For Cylinders and Rolls

Micro-Check® Systems Options

▲ Optional Equipment

Color Printer

Black and White Thermal Printer

Mititoyo Depth Gauge

Mobile Security Cabinet

Backup Power Supply

Micro-Check® Portable Mini-Mic™ Laptop PC System

▲ Inspection Applications

Electronic, direct etch or laser engraved gravure cells

Laser engraved ceramic or machine engraved anilox rolls

Rubber or photo polymer flexographic plates or rolls

Printed or proofed substrates— rotogravure, flexographic, offset and rotary screen

Diamond tools to determine life

Doctor blades to determine wear

Installation and Training

Ask your Shima Sales Representative for information regarding installation and training.

Service/Repair/Loaners

Service and repair of Tegatron and Micro-Check® Systems is available. Loaner units are available on a limited basis.

Micro-Check® Digital Measurement Instrumentation

Vertex Micrometers For Diameter or Circumference of Rolls

Ultrasonic Wall Thickness Gauge

Plating Thickness Gauges

Ultrasonic Hardness Testers

Surface Roughness Testers

Specifications are subject to change without notice.
We reserve the right to upgrade Micro-Check® and Tegatron components to offer you the finest quality products available.

Micro-Check® offers a one year limited warranty or Manufacturer's warranty period for any item found defective. Items that are dropped or abused are not covered.

Tegatron Systems, Micro-Check® Systems and Micro-Check® X-Y-Z™ Software are available world-wide exclusively from Shima American Corp. and authorized distributors.

Proud Member of

FTA **GAA** **GRAVURE CYLINDER USERS GROUP** **PLGA** Packaging & Label Gravure Association **fpa** Flexible Packaging Association **AIMCAL** Association of Industrial Metallizers, Coaters & Laminators

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Sales Division of Shima American Corp.
171 Internationale Blvd. • Glendale Heights, Illinois 60139 U.S.A.
Toll-Free Phone: 1-877-TRU-GRIT (1-877-878-4748) • Toll-Free Fax: 1-877-889-4182
Phone: 630-871-8900 • Fax: 630-871-4574
Website: www.micro-check.com • e-mail: info@shimausa.com