



TEJ Control Systems Pvt. Limited.

Turnkey Automation Solutions • Motion Control & Servo Drives • Industrial Vision Solutions • PLCs, Drives & Controls • SCADA & DAQ Systems • Control Panels

VISION INSPECTION SOLUTION FOR DRIP IRRIGATION SYSTEM PIPES INSPECTION



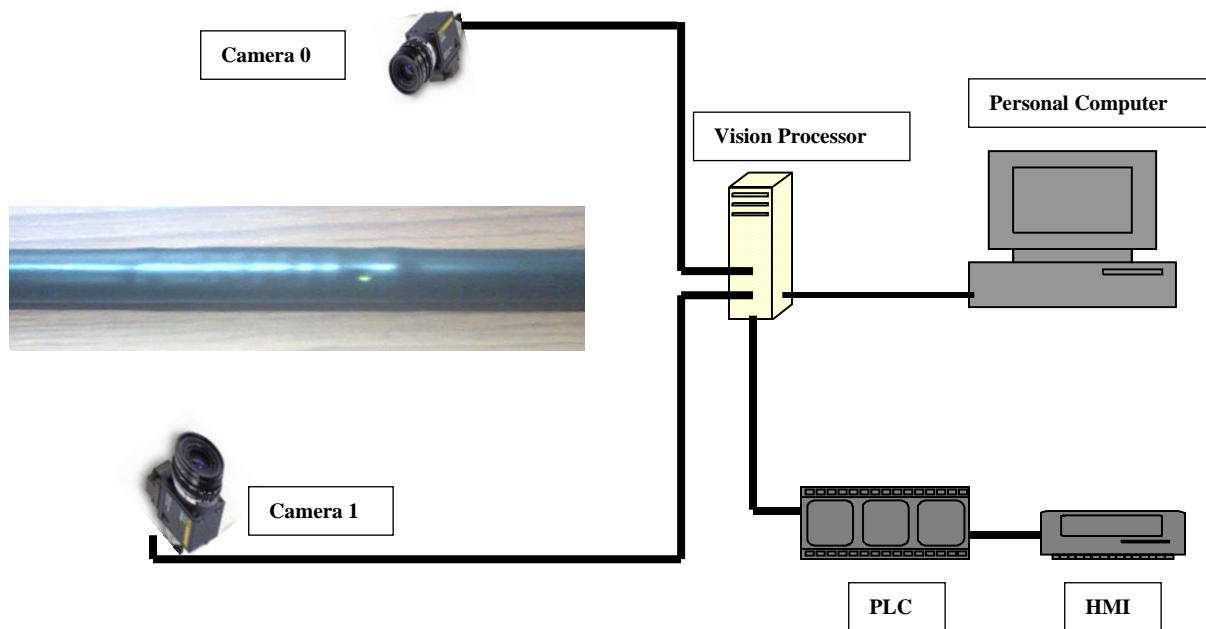
TRIAL INSPECTION REPORT

Application:

To check for the punch marks on the continuously Drip Irrigation system Pipes at consistent intervals from two sides.

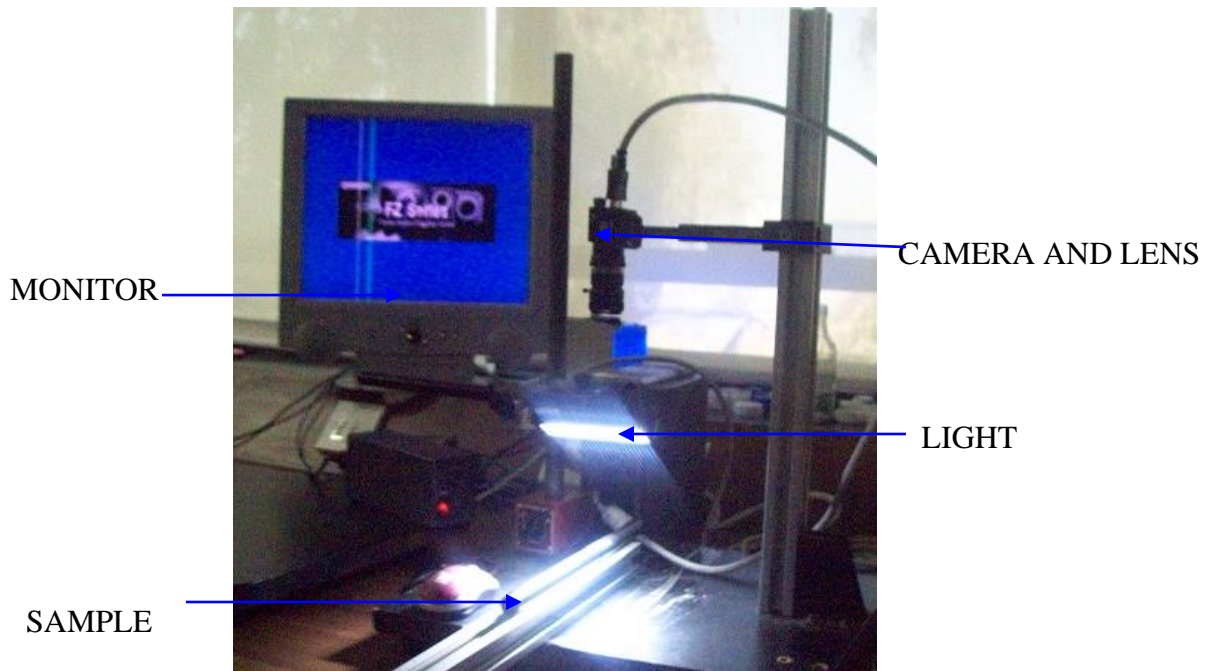
1. Detection of Punch hole (presence or absence).
2. Detection of punch hole out side the insert or in a wrong place within the insert.
3. Detection of punch hole which is damaging and piercing the insert.
4. Alarm indication for any of the errors above.
5. If more than 3 to 5 errors occur at the same time then machine will automatically trip down and Alarm signal will be generated.

Sample Image:



HARDWARE USED AND CAPABILITIES:

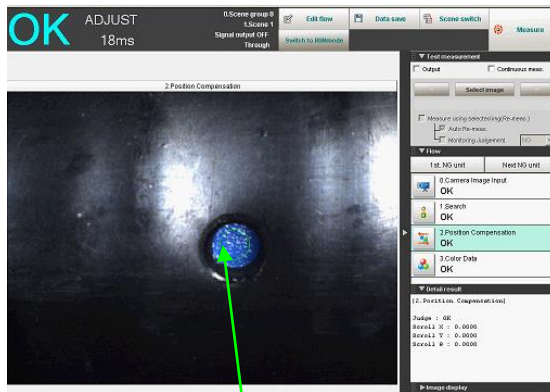
CAMERA SETUP:



INSPECTION CAPABLITIES	Presence/Absence of Insert on the Drip Irrigation Pipes.
INSPECTION TIME	100ms
PRODUCTS TYPE	Drip Irrigation System Pipes.
CAMERA	Higher Resolution Camera System with Controller.
LENS	50mm Variable focal.
ILLUMINATION	High intensity White Bar lighting.
Basis of Inspection	On the basis of Samples& Description provided by you.

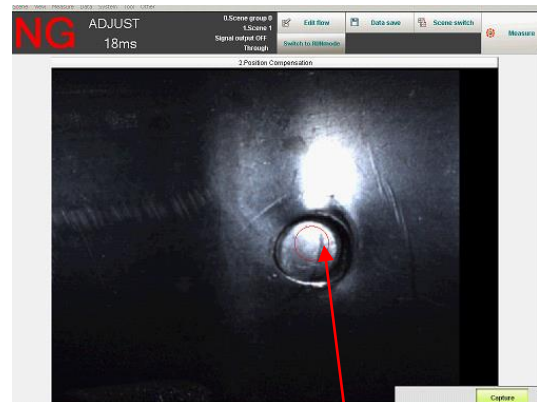
FOLLOWING ARE THE CAMERA RESULT FOR THE SAMPLES

OK SAMPLES

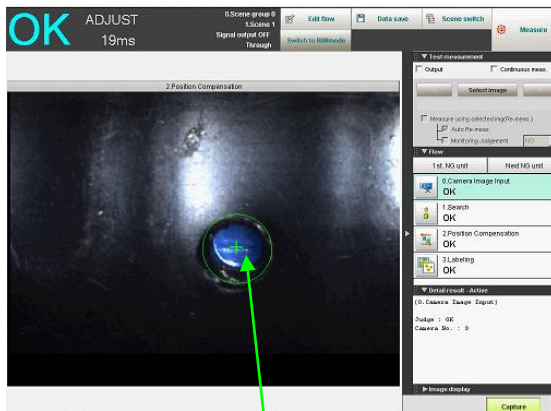


INSERT PRESENT

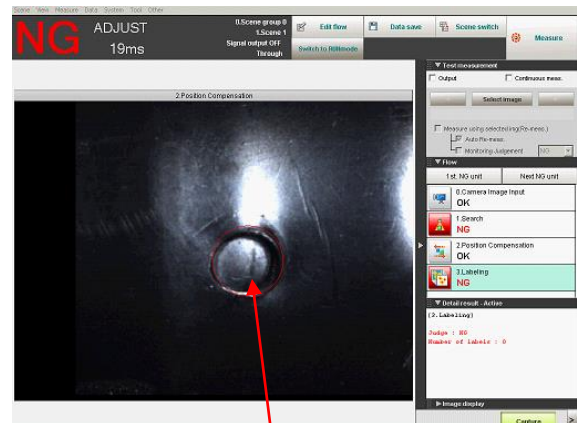
NG SAMPLES



INSERT ABSENT



INSERT PRESENT



INSERT ABSENT



Why Us

TIVS is driven by the core values of service, integrity, and innovation. Our strength lies in our agility to adapt to a dynamic market, and our ability to transform challenges into successful market opportunities.

Our capabilities target winning results by understanding your technology needs aligned to your business objectives. Our differentiator is in servicing our clients to make them win; when you talk to us, you will understand our technologists possess significant insight into your business processes, much better than many other service providers.

We are renowned for our ability to provide products, solutions and implementation frameworks that are delivered through a strong focus on core business issues, strong process orientation and industry domain knowledge. We partner with our clients and implement solutions to successful completion, and ensure that they realize the desired business benefits.

We consistently focus on:

- * Reducing the Total Cost of Ownership (TCO) for our customers
- * Understanding customer needs before making recommendations
- * Offering solutions based on specific customer needs
- * Creating an organization based on learning, innovation, and quality
- * Enabling employees to realize their full potential
- * Conducting ourselves with the highest sense of integrity

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