Viska Systems

Visable

Visable - Robotic Vision Inspection System, a groundbreaking solution designed to transform the way industries handle quality control and inspection tasks. This turnkey camera-on-robot inspection cell is engineered to accommodate a diverse array of parts, making it an ideal choice for a variety of industries looking to enhance their inspection processes.

The user-friendly software that accompanies the Visable system is a standout feature, providing a no-code inspection solution that is accessible to users of all skill levels. The integrated camera and lighting system ensures that every inspection is thorough and accurate, giving you confidence in the quality of your products. Whether you are conducting presence/absence checks, counting parts, verifying assemblies, or inspecting surfaces for defects, the Visable system is equipped to handle your needs with precision and efficiency.
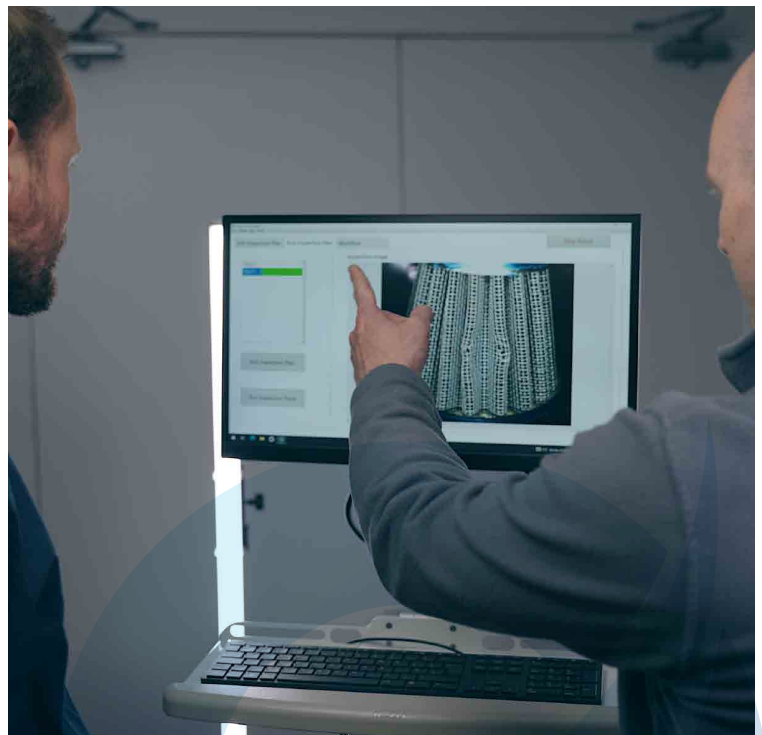
Visable combines Robotic Control, Vision Inspection, Data Collection, and Factory Communication stages into an intuitive software application, ensuring a streamlined and user-friendly experience.

Make the leap to a more efficient, reliable, and user-friendly inspection process with Visable. Elevate your quality control standards and embrace the power of AI-driven inspections. Contact Viska Systems today to discover how the Visable system can revolutionize your inspection processes.

Features

- User Friendly No-Code Interface
- Complex Vision Inspection in Minutes
- Inspect assemblies from multiple sides with one setup
- Supports Advanced Vision and Deep Learning
- Industry 4.0/IIoT compatible
- CE certified system with short lead times

Specifications:

- **Software version required**

  UR Polyscope – 5.13

  Visable – v2.0 or greater – PC application that enables users to programme their Inspection Plans and to connect their inspection system to the factory IT/OT infrastructure for seamless integration.

- **Dependencies**

  Electrical Requirements:

  Volatge (V) - 110-230V AC

  Frequency (Hz) - 50-60 Hz

  Max Power (W) - 1200 W

  Max current Supply (A) - 10A

  Short-Circuit Current Rating (A) - 200A

  End User Safety Requirements - Supply with Earth and protect supply with Residual Current.

- **Certifications and standards**

  2006/42/EC Machinery Directive

  EN 10218-2:2011 Safety Requirements for Industrial Robots

  2014/30/EU EMC Directive

  EN 61000-6-2:2019 Electromagnetic Compatibility

  EN IEC 61000-6-4:2019 Electromagnetic Compatibility

  EN IEC 61000-3- 2:2019+A1:2021 Electromagnetic Compatibility

  EN 61000-3-3+A1:2019 Electromagnetic Compatibility

  2014/35/EU Low Voltage Directive

  EN 60204-1

  IEC 60204-1:2016 A1:2021 Safety of machinery. Electrical equipment of machines General requirements.

- **Dimensions**

  Floorspace: 1600mm (W) × 1000mm (D) × 2000mm (H), Machine Weight : 300 Kg

- **What's in the box?**

  Robot arm - Universal Robots (UR5e)

  Cart/System enclosure

  Camera head - VISABLE 5MP or 12MP Colour Camera Head options with integrated high diffusivity white machine vision rated LED lighting.

  Computer - Win 10 PC, Core i7, 16GB RAM, 500GB SSD,

  Monitor & Keyboard - 22″ HD monitor with ergonomic Monitor & Keyboard mount.

  License - VISABLE dongle including 12 months updates to new VISABLE releases.

- **LICENSE**

  Annual subscription for Base Support package and access to Visable software updates. Pricing available on application.