



EQUIPCON



THE MODAL SHOP

AN AMPHENOL COMPANY

RAM-AUTO Inspection System



The **RAM-AUTO** is a 100% in-line fully automated turnkey resonant inspection system with an automated conveyor and industrial grade computer that's compatible with a variety of parts.

The system offers efficient quality control testing for high-volume production lines of powdered metal parts and castings. It's a standalone system that can be easily integrated into any production line. It operates autonomously, requires no user intervention, and provides objective Pass or Fail results with automated sorting.

This system even offers a rapid testing rate of 0.5 to 3 seconds and is suitable for a wide range of parts, providing quick pass or fail results. It has compact dimensions of 6' x 4' x 6', and requires regulated air pressure between 60 psi and 90 psi. It supports up to 20 criteria ranges per part setup and runs on a power supply of 200 VAC, Single Phase, drawing 10 Amps.

Each system includes a 24-bit, 50 kHz smart digital controller, an industrial impactor, a rugged microphone, a production line conveyor, photoelectric eyes, PLC, encoder, and an industrial PC with an integrated flat-panel monitor, offering a comprehensive turnkey testing package.