



# Catalytic Converter Substrate Marker



**Marked converter substrate**

This marking system uses InfoSight Labelase® technology to print bar codes and man-readable data on catalytic converter substrates. The unit is completely self-contained and includes heavy duty casters for portability. The substrates, which vary in shape and size, are loaded manually and then marked, scanned and verified automatically.

The marking machine includes the following sub-systems:

- Mark survives oven temperatures up to 1500°F (800°C) for up to 48 hours.
- PLC (A-B ControlLogix) for machine control and communications interface.
- Servo motor driven conveyor for rapid and precise part positioning.
- Self cleaning pad stamper for ink patch application.
- High temperature heat guns for rapid ink curing.
- InfoSight Laser Printer.
- Bar code scanner.
- Safety light curtains.
- Color touch screen HMI terminal.
- Emergency Stop circuit.
- Custom electronics enclosure.