EASYDASH

POWER PAIRINGS

INTERACTIVE
MANUFACTURING WORKSTATION

AN OPERATION READY PLATFORM FOR DASHBOARDS & MANUFACTURING INTEGRATION

EASYDASH

FEATURES

- TOUCHSCREEN INTERFACE
- CONTROLLER INCLUDES
  - ETHERNET/IP
  - DIGITAL INPUTS/OUTPUTS
  - RELAY OUTPUTS
  - EXPANDABLE IO AS NEEDED
- SAFETY CIRCUIT FOR MOTION CONTROL
  - E-STOP PUSHBUTTON/PENDANT
- ETHERNET SWITCH
- 5 OR 8 PORTS
- OPERATOR CONSOLET-STYLE ENCLOSURE
  - PEDESTAL INCLUDED
- PHYSICAL PUSHBUTTONS/SWITCHES

KEY BENEFITS

- INCREASED EFFICIENCY
- PRECISION & CONSISTENCY
- REDUCED RISK OF ERRORS
- COST-EFFECTIVE SOLUTION
- USER FRIENDLY



SICK VISION SYSTEM

FEATURES

- POWERFUL DPM CODE READER
- COMPACT, SNAP-IN DESIGN
- MANUAL OR AUTO FOCUS WITH LIQUID LENS
- BUILT-IN LASER DISTANCE MEASUREMENT (TOF)
- MULTI-COLOR LIGHTING WITH OPTIONAL POLARIZING FILTER
- MAGNIFIER EFFECT FOR TINY CODES
- EASY AUTO SETUP
- READS CODES ON VARIED SURFACES & MATERIAL COLORS

KEY BENEFITS

- FAST INSTALLATION
- FLEXIBLE INTEGRATION
- RELIABLE READS
- OPTIMIZED FOR SMALL PARTS
- INDUSTRY-READY
- LOW MAINTENANCE



~~MANUAL INSPECTION~~ → AUTO INSPECTION

INSPECTION **SIMPLIFIED.**

TOP 10 MANUFACTURING INSPECTION ISSUES SOLVED.

- DEFECT DETECTION
- DIMENSIONAL MEASUREMENT
- ASSEMBLY VERIFICATION
- LABEL & PRINT INSPECTION
- PACKAGING & SEAL INSPECTION
- PART ORIENTATION & POSITIONING
- COLOR & SURFACE FINISH MATCHING
- PATTERN & TEXTURE MATCHING
- PCB INSPECTION/ELECTRONICS TESTING
- TRACEABILITY & SERIALIZATION VERIFICATION

PROPERLYWORKS

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SICK DT80

FEATURES

- LONG-RANGE MEASUREMENT
- HIGH ACCURACY LASER DISTANCE SENSOR
- RELIABLE ON CHALLENGING SURFACES
- CLASS 1 LASER FOR EYE-SAFE OPERATION
- MULTIPLE INTERFACES (IO-LINK, RS-485, & ANALOG
- EASY CONFIGURATION
- NON-CONTACT MEASUREMENT FOR MINIMAL WEAR OR DRIFT
- HIGH REPEATABILITY IN DYNAMIC ENVIRONMENTS
- WORKS ON MOVING OR STATIONARY TARGETS

KEY BENEFITS

- REDUCESSTEP TIME
- MAINTAINS ACCURACY
- WITHSTANDS HARSH CONDITIONS
- SUPPORTS REPEATABLE MOTION
- TRUSTED SENSOR TECH



~~MANUAL MEASUREMENT~~ → VERIFIED DISTANCE

DETECTION **MASTERED.**

TOP 10 MANUFACTURING INSPECTION ISSUES SOLVED.

- CONTACT SENSOR FAILURE
- INCONSISTENT PART DETECTION
- SURFACE-BASED MEASUREMENT ERRORS
- HEIGH/LEVEL VALIDATION
- POSITIONING FOR PICK & PLACE
- SPACE-CONSTRAINED SENSOR MOUNTS
- DATA GAPS IN MOTION SYSTEMS
- INTEGRATION CHALLENGES WITH PLCs
- LIMITED SENSOR LIFE IN HARSH CONDITIONS
- IN-PROCESS QUALITY CONTROL

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COGNEX

FEATURES

- FAST, INTUITIVE AI-BASED INSPECTION
- EASY SETUP W/ IN-SIGHT VISION SUITE
- DUAL TOOLSET
- COLOR & MONOCHROME IMAGE SUPPORT
- BUILT-IN OCR & CODE READING
- SMART CAMERA W/ INTEGRATED PROCESSING & I/O
- HIGH-QUALITY IMAGING
- FLEXIBLE MOUNTING OPTIONS

KEY BENEFITS

- FAST INSTALLATION
- FLEXIBLE INTEGRATION
- CONSISTENT RESULTS
- ENHANCED INSPECTION
- INDUSTRY-READY
- LOW MAINTENANCE



~~MANUAL INSPECTION~~ → AUTO INSPECTION

INSPECTION **SIMPLIFIED.**

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- INCREASED EFFICIENCY
- PRECISION & CONSISTENCY
- REDUCED RISK OF ERRORS
- COST-EFFECTIVE SOLUTION
- USER FRIENDLY



FANUC ROBOTS

FEATURES

- INDUSTRIAL & COLLABORATIVE MODELS
- COMPACT, SPACE-SAVING DESIGNS
- EASY PROGRAMMING
- BUILT-IN SAFETY OPTIONS
- VISION & FORCE SENSOR READY
- PRECISE MOTION CONTROL
- IDEAL FOR PICK & PLACE, TENDING & ASSEMBLY

KEY BENEFITS

- FAST DEPLOYMENT
- ADAPTABLE FOR MULTIPLE TASKS
- BOOSTS OPERATOR PRODUCTIVITY
- RELIABLE & REPEATABLE MOTION
- INDUSTRY-READY AUTOMATION
- SUPPORTED BY FANUC'S GLOBAL NETWORK



MANUAL OPERATIONS → FULLY AUTOMATED

INTEGRATION **SIMPLIFIED.**

TOP 10 MANUFACTURING ISSUES SOLVED.

- FILL LABOR GAPS
- CONSISTENT CYCLE TIMES
- IMPROVE PRODUCT QUALITY
- REDUCE LABOR COSTS
- ELIMINATE REPETATIVE STRAIN
- SCALE PRODUCTION
- QUICK ADAPTATION / FLEXIBILITY
- ELIMINATE BOTTLENECKS
- ENHANCE OPERATOR SAFETY
- SPEED UP ONBOARDING

PROPERLYWORKS

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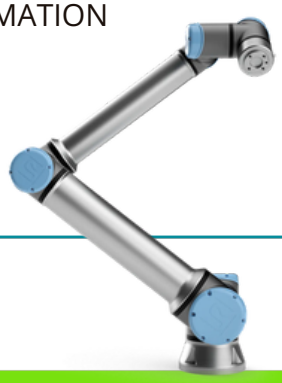
UNIVERSAL ROBOTS

FEATURES

- INDUSTRIAL & COLLABORATIVE MODELS
- COMPACT, SPACE-SAVING DESIGNS
- EASY PROGRAMMING
- BUILT-IN SAFETY OPTIONS
- VISION & FORCE SENSOR READY
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KEY BENEFITS

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- PRECISION & CONSISTENCY
- REDUCED RISK OF ERRORS
- COST-EFFECTIVE SOLUTION
- USER FRIENDLY



KASSOW ROBOTS

FEATURES

- INDUSTRIAL & COLLABORATIVE MODELS
- COMPACT, SPACE-SAVING DESIGNS
- EASY PROGRAMMING
- BUILT-IN SAFETY OPTIONS
- VISION & FORCE SENSOR READY
- PRECISE MOTION CONTROL
- IDEAL FOR PICK & PLACE, TENDING & ASSEMBLY

KEY BENEFITS

- FAST DEPLOYMENT
- ADAPTABLE FOR MULTIPLE TASKS
- BOOSTS OPERATOR PRODUCTIVITY
- RELIABLE & REPEATABLE MOTION
- INDUSTRY-READY AUTOMATION



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KEY BENEFITS

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- PRECISION & CONSISTENCY
- REDUCED RISK OF ERRORS
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- USER FRIENDLY



DOOSAN ROBOTS

FEATURES

- INDUSTRIAL & COLLABORATIVE MODELS
- COMPACT, SPACE-SAVING DESIGNS
- EASY PROGRAMMING
- BUILT-IN SAFETY OPTIONS
- VISION & FORCE SENSOR READY
- PRECISE MOTION CONTROL
- IDEAL FOR PICK & PLACE, TENDING & ASSEMBLY

KEY BENEFITS

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KEYENCE3D LASER SNAPSHOT SENSOR

FEATURES

- HIGH-SPEED 3D IMAGING IN ONE SHOT
- MICRON-LEVEL ACCURACY
- 360° MEASUREMENT
- SIMULTANEOUS 2D + 3D CAPTURE
- MULTI-POINT PROFILE MEASUREMENT
- ROBOST DESIGN FOR HARSH ENVIRONMENTS
- MULTI-POINT PROFILE MEASUREMENT
- STABLE DETECTION
- FAST SCAN TIME
- BUILT IN ANALYSIS TOOLS
- EASY INTEGRATION WITH PLCS, ROBOTS & WORKSTATIONS

KEY BENEFITS

- ELIMINATESCOMPLEX PART FIXTURING
- REDUCES HUMAN ERROR
- ACCELERATES CYCLE TIME
- COMBINES 2D & 3D IN ONE STEP
- SUPPORTS PREDICTIVE MAINTENANCE



MANUAL INSPECTION → **AUTO INSPECTION**

INSPECTION **SIMPLIFIED.**

TOP 10 MANUFACTURING INSPECTION ISSUES SOLVED.

- HEIGHT & STEP INSPECTION
- VOLUME MEASUREMENT
- SURFACE DEFORMATION DETECTION
- WARPAGE OR FLATNESS CHECKS
- ASSEMBLY HEIGHT VERIFICATION
- PRESENCE OF ADHESIVES / GASKETS
- COPLANARITY CHECKS
- 3D ALIGNMENT & POSITIONING
- VOID OR INDENT DETECTION
- COMPLEX PART GEOMETRY MEASUREMENT

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MITUTOYO

FEATURES

- DIGITALREADOUT FOR EASY-TO-READ MEASUREMENTS
- ABSOLUTE ENCODER RETAINS ORIGIN
- DUAL UNITS AT THE PUSH OF A BUTTON
- STAINLESS STEEL BODY BUILT TO LAST
- PRECISION GROUND JAWS
- LONG BATTERY LIFE W/AUTO SHUT-OFF
- REAL-TIME MEASUREMENT TRACKING
- AVAILABLE IN STANDARD, WATERPROOF, DEPTH & MORE

KEY BENEFITS

- SPEEDS UPMANUAL INSPECTION
- REDUCES OPERATOR ERROR
- PERFECT FOR HIGH-MIX, LOW-VOLUME PRODUCTION
- PAIRS SEAMLESSLY W/ WORKSTATIONS
- COMPATIBLE W/A WIDE RANGE OF PARTS
- DECADES OF PRECISION - TRUSTED FOR 85+ YEARS







MANUAL READOUTS → **DIGITAL DATA TRANSFER**

PRECISION **SIMPLIFIED.**

TOP 10 MANUFACTURING INSPECTION ISSUES SOLVED.

- DIMENSIONAL VERIFICATION
- PART-TO-DRAWING COMPLIANCE
- OPERATOR CONSISTENCY
- RECORDING & TRACKING MEASUREMENT DATA
- FEATURE DEPTH MEASUREMENT
- INSPECTION OF COMPLEX GEOMETRIES
- FIRST ARTICLE & IN-PROCESS MEASUREMENTS
- QUALITY AUDITS & DOCUMENTATION
- WEAR/TOLERANCE SHIFT DETECTION
- MEASUREMENT IN HARD TO ACCESS AREAS

PROPERLYWORKS