

# LP-3004

## 300mm Load Port Checker With AMHS Compatibility

Introducing the next generation of aligning and checking your load ports! Used as an inspection tool, the LP-3004 can quickly determine if your load ports are in specification. Used as an alignment tool, the LP-3004 will reduce your setup times and improve your accuracy by providing non-subjective and precise indications of optimal load port alignment.

The LP-3004 inspects 16 parameters for load port alignment. The “real-time” display screens allow for fast, accurate load port setups, while on-screen instructions guide the technician through adjustments. “Report Card” screens provide for quick and easy inspections, minimizing operator errors.

### Features

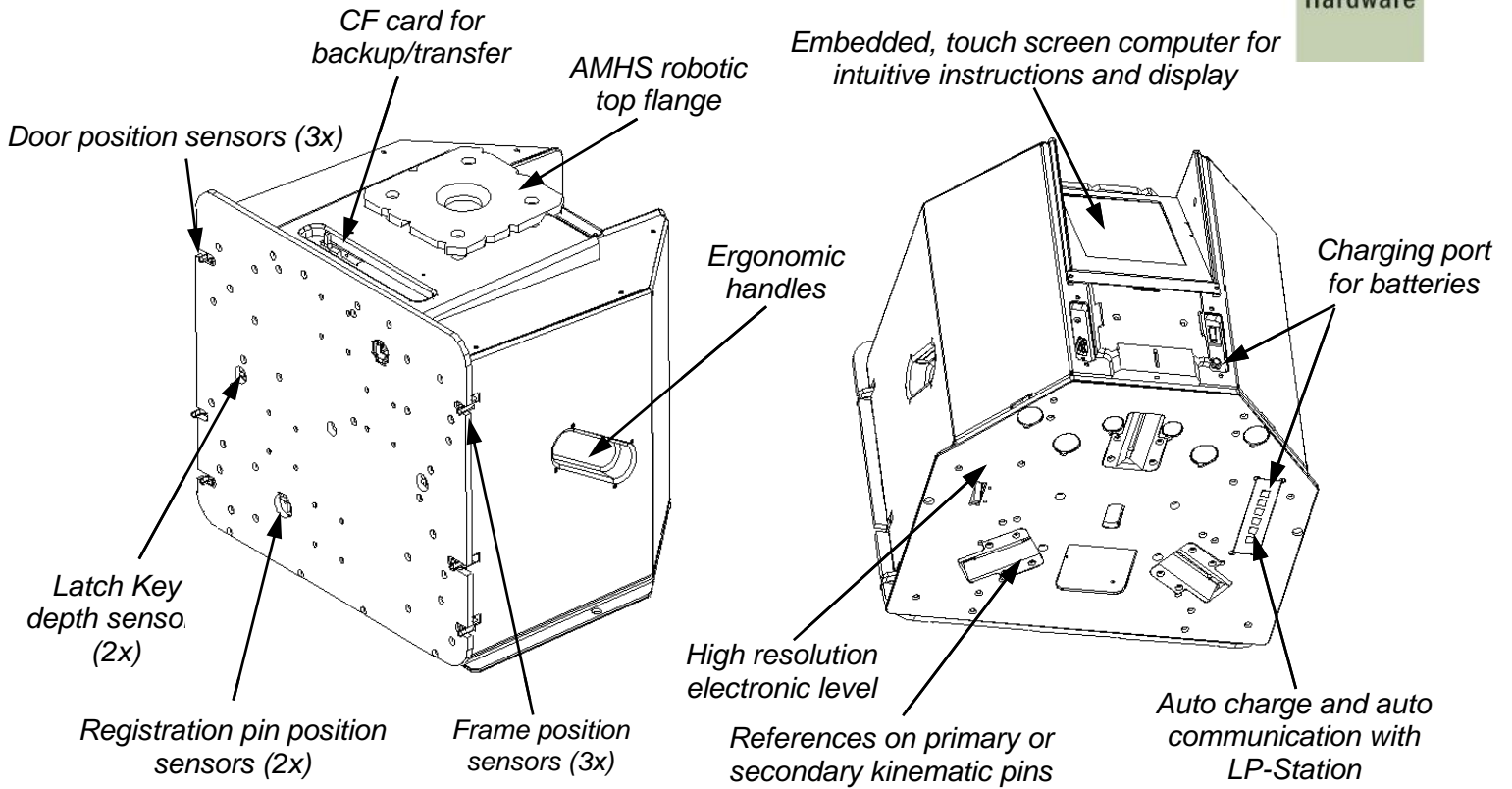
- > “Report Card” screens provide quick and easy inspection.
- > “Real Time” Display screens provide fast and accurate robot setup and adjustments.
- > Numerical displays for statistical tracking to specifications.
- > On-screen instructions provide intuitive operation.
- > Inspects 16 parameters for load port alignment.
- > Embedded computer data logging

### Benefits

- > Reduce load port MTTR.
- > Increase load port MTBF.
- > Easy to use.
- > Reduce automation “finger-pointing” issues.
- > Identify and solve root cause problems.
- > Improve fab throughput.
- > Keep load ports up and running.



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## Specifications

### DESIGN

- Embedded computer provides intuitive real-time display of door position at each corner, frame position at each corner, registration pin position, latch key depth and platform level
- Self-contained, rechargeable electronics package provides hours of use
- Highly sensitive, electronic level provides 0.01 degree resolution
- Precision digital indicators measure door, frame, registration pin and latch key locations to 0.01 mm
- Fully SEMI compliant for load port interface, stocker storage, and AMHS transport

### OTHER

- Part size:** 36cm x 46cm x 33cm  
(14" x 18" x 13")
- Part weight:** 10 kg (23 lbs)
- Power requirements:** 100/220v charger (included)
- Shipping size:** 55cm x 55cm x 55cm  
(22" x 22" x 22")
- Shipping weight:** 15 kg (33 lb)

