

## Wafer ID Reader

- With its integrated Notch/Flat Finder, the R2D Wafer ID reader is able to read a complete batch of 25 wafers in less than 1.5 min
- With its flat panel PC and the use of a friendly interface, the operator can read any wafer ID and slot position inside the carrier with just a click
- Equipped with the Cognex Insight 1741 or 1742 vision system, the CWIR provides high performance wafer identification
- Using the Cognex OCR 1740 Series

### Options:

- SECS/GEM communication
- Bar Code - Gun or fixed cassettes reader
- Frontside, Backside or both reading
- Automatic BCR and RFID

### Standard Features:

- Table top machine
- 12" color LCD Touchscreen
- Integrated notch or flat aligner
- Cognex 1741 or 1742 OCR
- Automatic mapping system
- Wafer detection in cassette
- Current limiters on all motors
- TCP/IP Host connection
- Error message and cycles recorded
- Clean concept documentation
- Light tower

### Performance:

- MTBF: > 4000 hours
- Uptime: > 99.8 %
- MTTR: < 1hr
- Throughput < 1.5 min

### Specifications:

- CE certification
- SEMI Standard
- Class 1

### Facilities and Requirements:

Vacuum:	No
Power:	100-240 VAC
Frequency:	50-60 Hz
Full Load Amps	1.2-0.6 A



- Front and Back Wafer Identification
- 3" to 8"
- Fully automatic
- Hands Free

# R2D: Wafer ID Reader

**8" Dimensions:**

Width: 330 mm / 13"

Depth: 567 mm / 22.3"

Height: 747 mm / 29.4"

Weight: 20 kg / 44lbs

