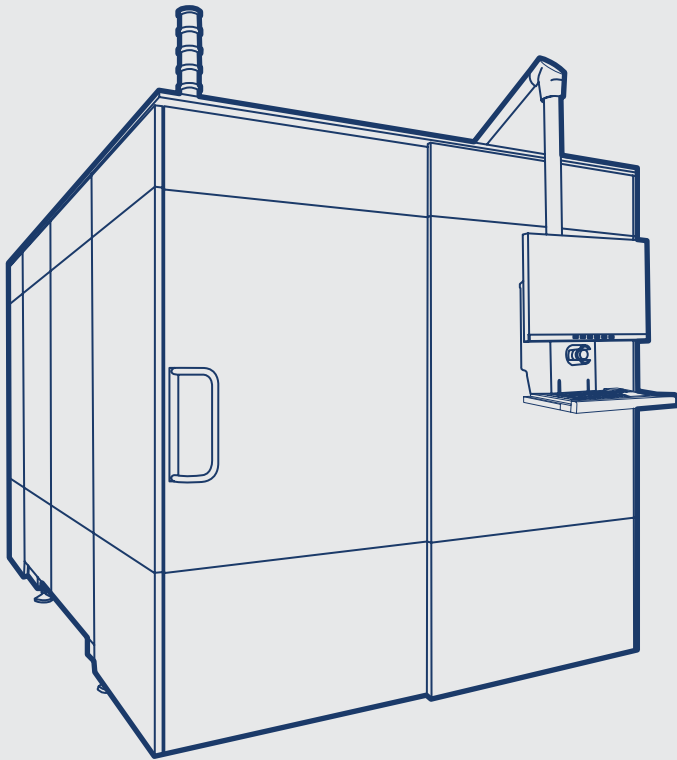




# ORBOTECH INFINITUM™ 10/10XT

The New Way of R2R Imaging



*PCB Production Solutions*

# ORBOTECH INFINITUM™ 10/10XT

The New Way of R2R Imaging

*Orbotech Infinitem™ 10/10XT is a groundbreaking roll-to-roll direct imaging solution for mass production of flex PCBs.*

*Driven by Orbotech's breakthrough DDI Technology™ (Drum Direct Imaging), Orbotech Infinitem 10/10XT enables optimal material handling and high-speed imaging delivering extremely high yield and throughput.*

*This new solution leverages Orbotech's field proven Large Scan Optics (LSO) Technology™ and MultiWave Laser Technology™ to ensure superior line quality and high accuracy for even the most delicate flex materials.*

*Orbotech Infinitem 10/10XT is an all-in-one, compact and closed innovative solution, ensuring superior performance and optimal efficiency.*



## Benefits

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### Optimal Material Handling, Superior Yield

- Innovative drum-based solution for best material placement
- Controlled low-tension material movement preventing distortions
- Integrated automated cleaning mechanism eliminating particles

### Fast Throughput, High Capacity

- High-speed imaging enabled by continuous exposure on a rotating drum
- High imaging efficiency with on-the-fly target registration
- Maximized uptime with quick job and roll changeovers

### Outstanding Imaging Quality

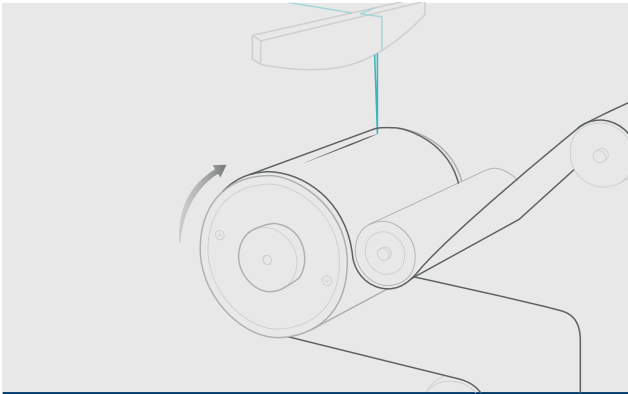
- Superb fine line structure and uniformity enabled by continuous exposure and high depth-of-focus (DoF)
- Compatible with a wide range of resists and processes enabled by simultaneous multiwave exposure
- Automatic material distortion compensation mechanism for high positioning accuracy

### Compact and User-Friendly

- One-box, minimal footprint solution for extreme efficiency and cleanliness
- Highly intuitive, user-friendly GUI ensuring smooth operation
- Unique design enabling easy roll exchange

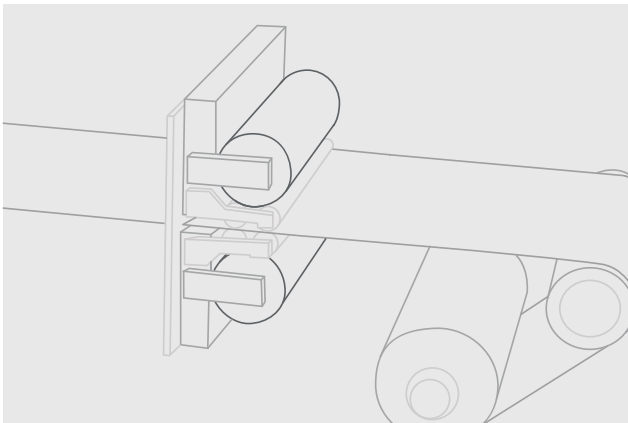


## High Capacity Drum-based DI R2R



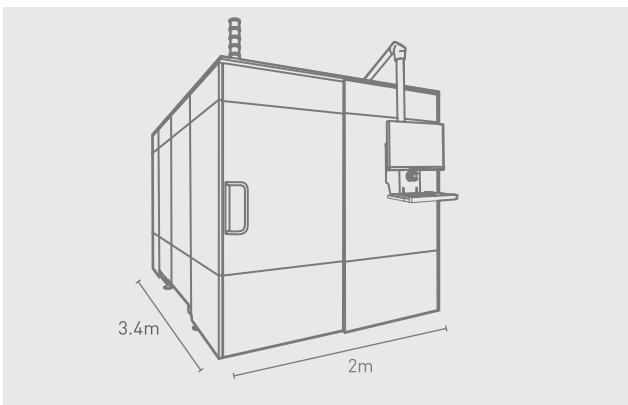
Continuous, unidirectional and constant drum rotation for high throughput and perfect material handling enabled by Orbotech's new DDI Technology™

## High Cleanliness



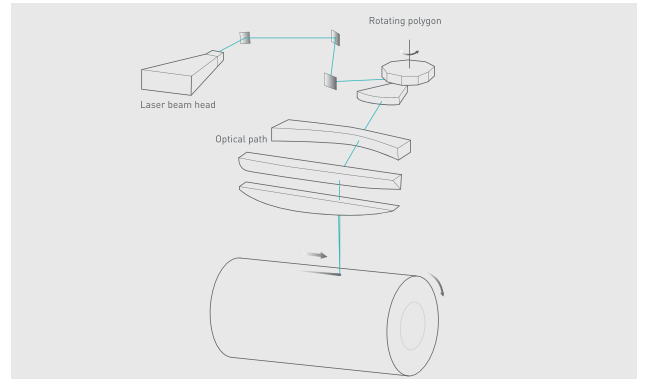
Integrated, automated cleaning mechanism

## All-in-one, compact design



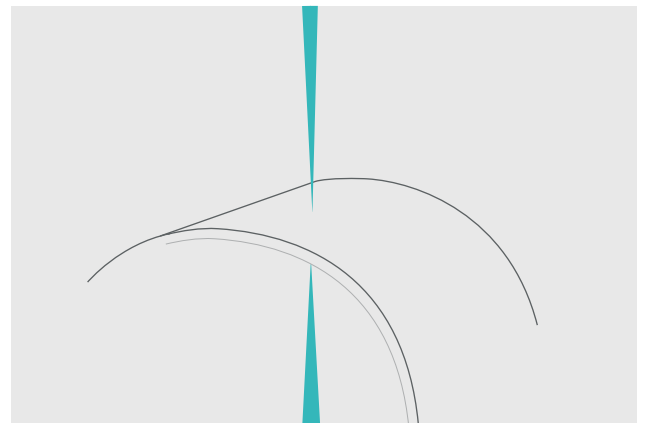
One box, minimal footprint for maximum efficiency

## High Imaging Quality



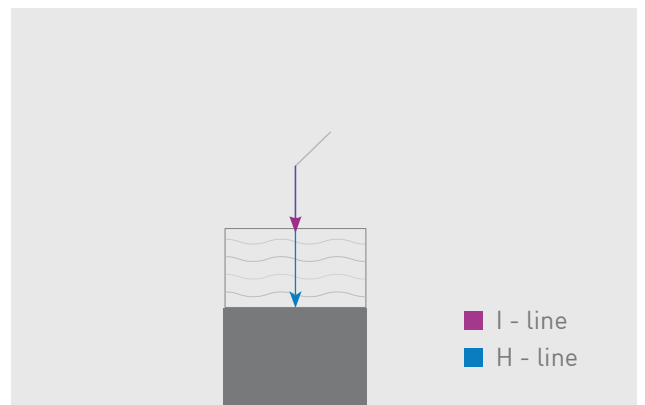
Superior line structure in a single scan enabled by Orbotech's LSO Technology™

## High Line Uniformity



Line precision and uniformity enabled by high depth-of-focus (DoF)

## High Resists Flexibility



Compatibility with a wide range of resists and processes driven by Orbotech's MultiWave Laser Technology™