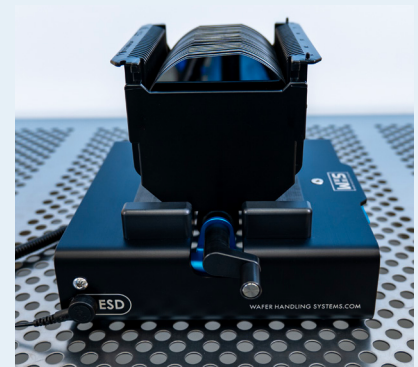
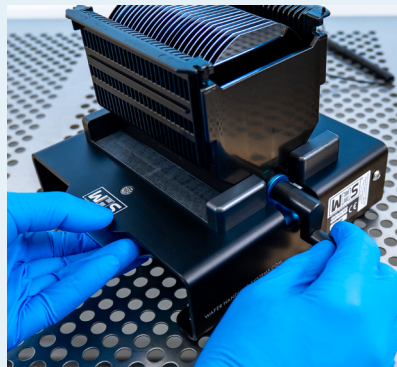
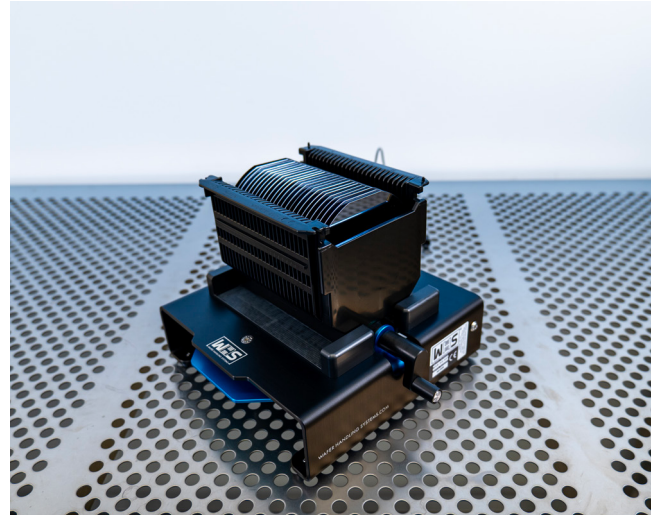


MANUAL WAFER FLAT ALIGNER WHS-A6

The WHS-A6 series is an economical manual wafer flat aligner designed for precise top and bottom bulk alignment of wafers ranging from 76 mm (3") to 150 mm (6"). Ideal for semiconductor processes such as lithography, deposition, and etching, the WHS-A6 ensures accurate orientation of wafer flats, a critical step in optimizing the performance and functionality of semiconductor devices.

Built for SEMI-compliant wafer cassettes, the WHS-A6 features advanced abrasion-resistant and static dissipative stage and roller materials. Its antistatic design protects sensitive wafers by grounding both the wafer and cassette, providing reliable ESD protection in cleanroom environments.



Engineered for ISO 4 (Class 10 FS209E) cleanrooms, the WHS-A6 is designed to meet the stringent contamination control standards required in semiconductor manufacturing. The quick-disconnect roller assembly simplifies maintenance, minimizing downtime and ensuring a long operational lifespan.

In addition to alignment, the WHS-A6 is ideal for lot integrity checks and edge inspections. Its ergonomic design allows operators to efficiently perform wafer scribe checks and identify potential edge defects early, preventing costly wafer breakage and ensuring consistent product quality.

The WHS-A6 is manufactured in an ISO9001 certified facility, ensuring top quality control, and is CE certified for safety and performance. This makes the WHS-A6 a reliable and economical solution for precise wafer

alignment, meeting international standards while maintaining cost-effectiveness for semiconductor manufacturing.

FEATURES AND ADVANTAGES

- Economical top/bottom flat aligner for 76 mm to 150 mm wafers
- Quick-disconnect roller for easy maintenance and long lifespan
- Antistatic construction with grounded wafer and cassette paths
- ESD-safe with grounding strap for enhanced protection
- ISO 4 (Class 10) cleanroom compatible and SEMI-compliant

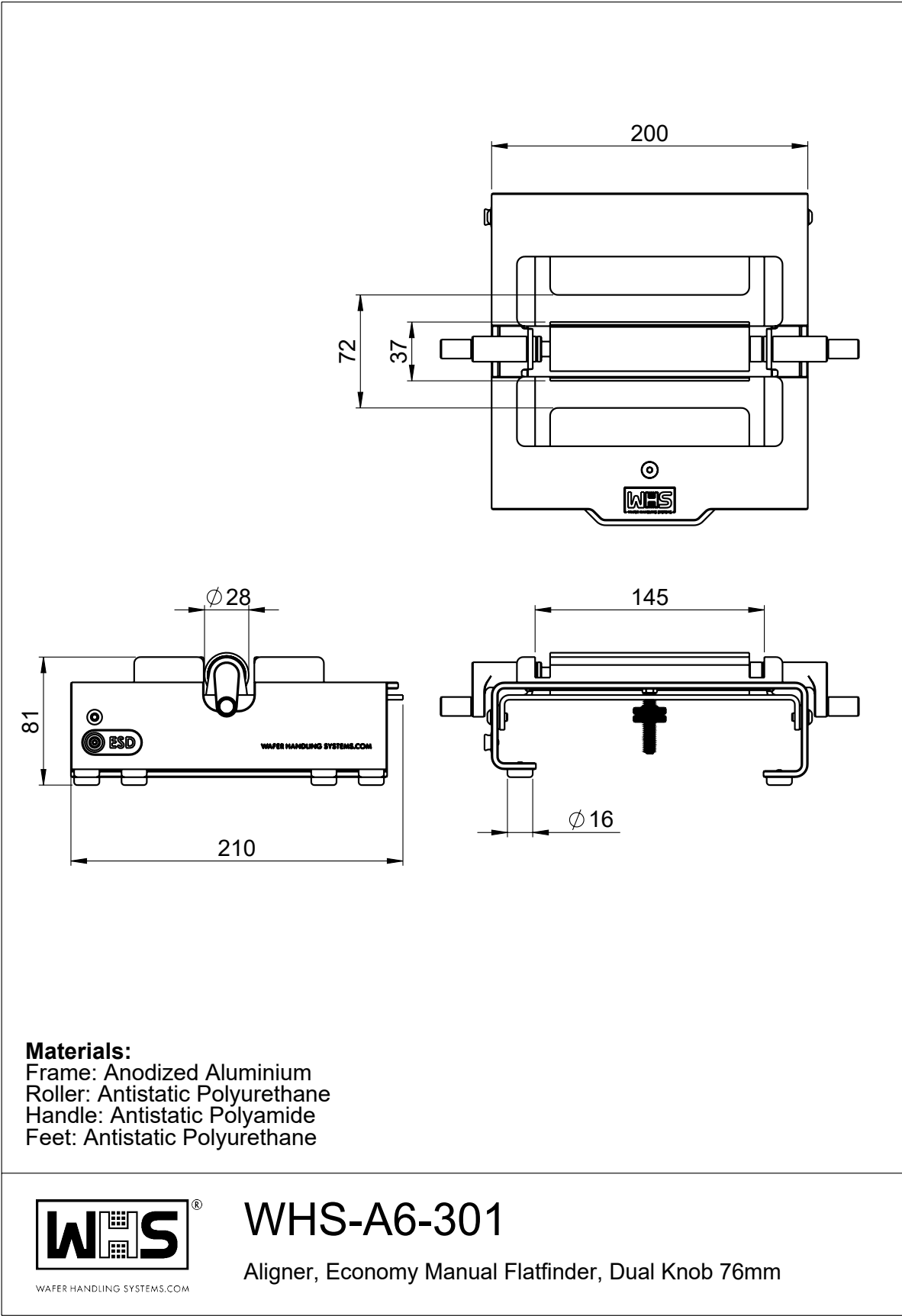
MANUAL WAFER FLAT ALIGNER WHS-A6

ITEM	SPECIFICATIONS
Wafer size	76 mm, 100 mm, 150 mm
Base material	Antistatic Polyoxymethylene
Roller material	Antistatic Polyurethane
Cleanliness	ISO 4 (Class 10 FS209E)
Replacement roller	WHS-SP-A1/A2/A5-R6_1
*** NOTE: Please specify cassette model number(s) when ordering ***	



ORDERING INFORMATION

WHS-A6-	401
CODE	MODEL
301	Aligner, manual flat finder, 76 mm with dual knob
401	Aligner, manual flat finder, 100 mm with dual knob
601	Aligner, manual flat finder, 150 mm with dual knob

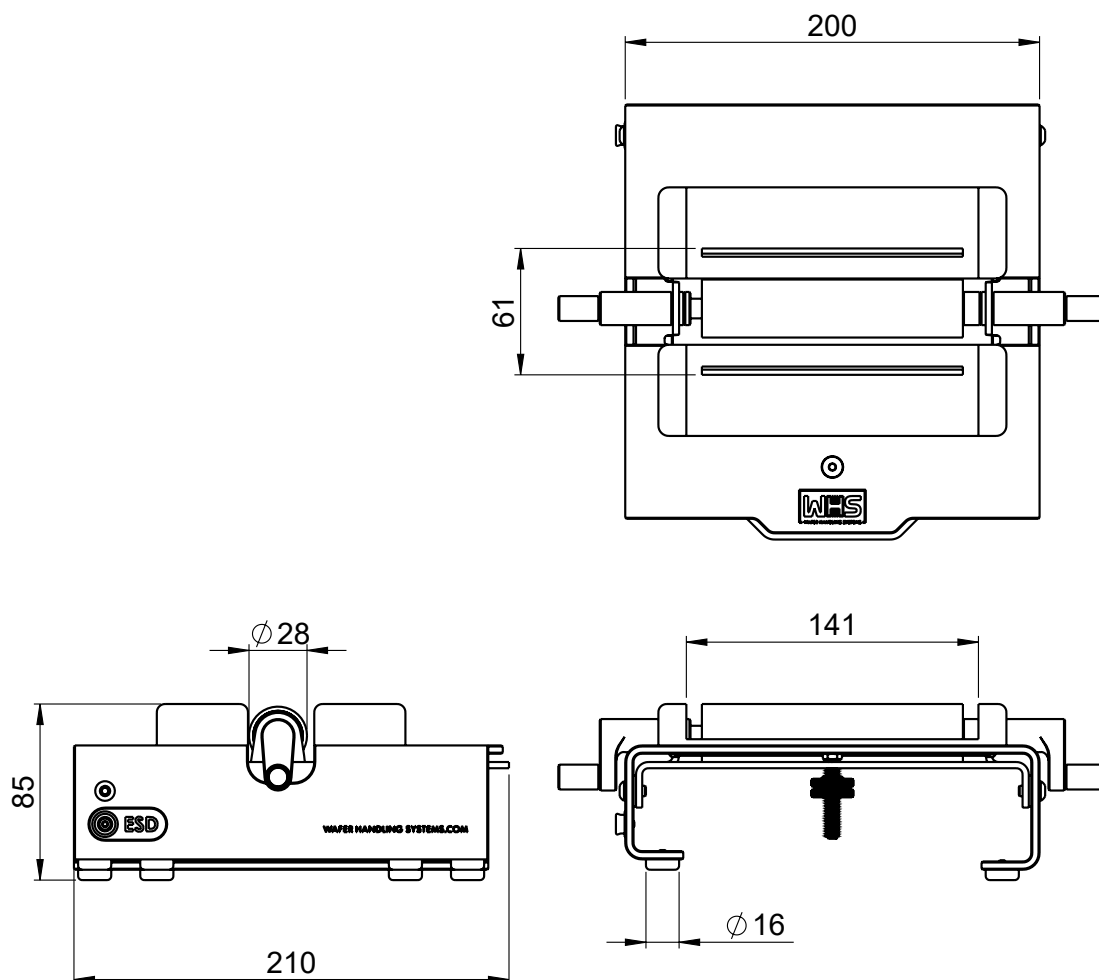


WHS-A6-301

Aligner, Economy Manual Flatfinder, Dual Knob 76mm

date: 01-10-2022 | scale: 1:3 | entity: mm | This drawing is owned by WHS trademark and may not be copied, reproduced or shown to third parties without written permission.

REV122024

**Materials:**

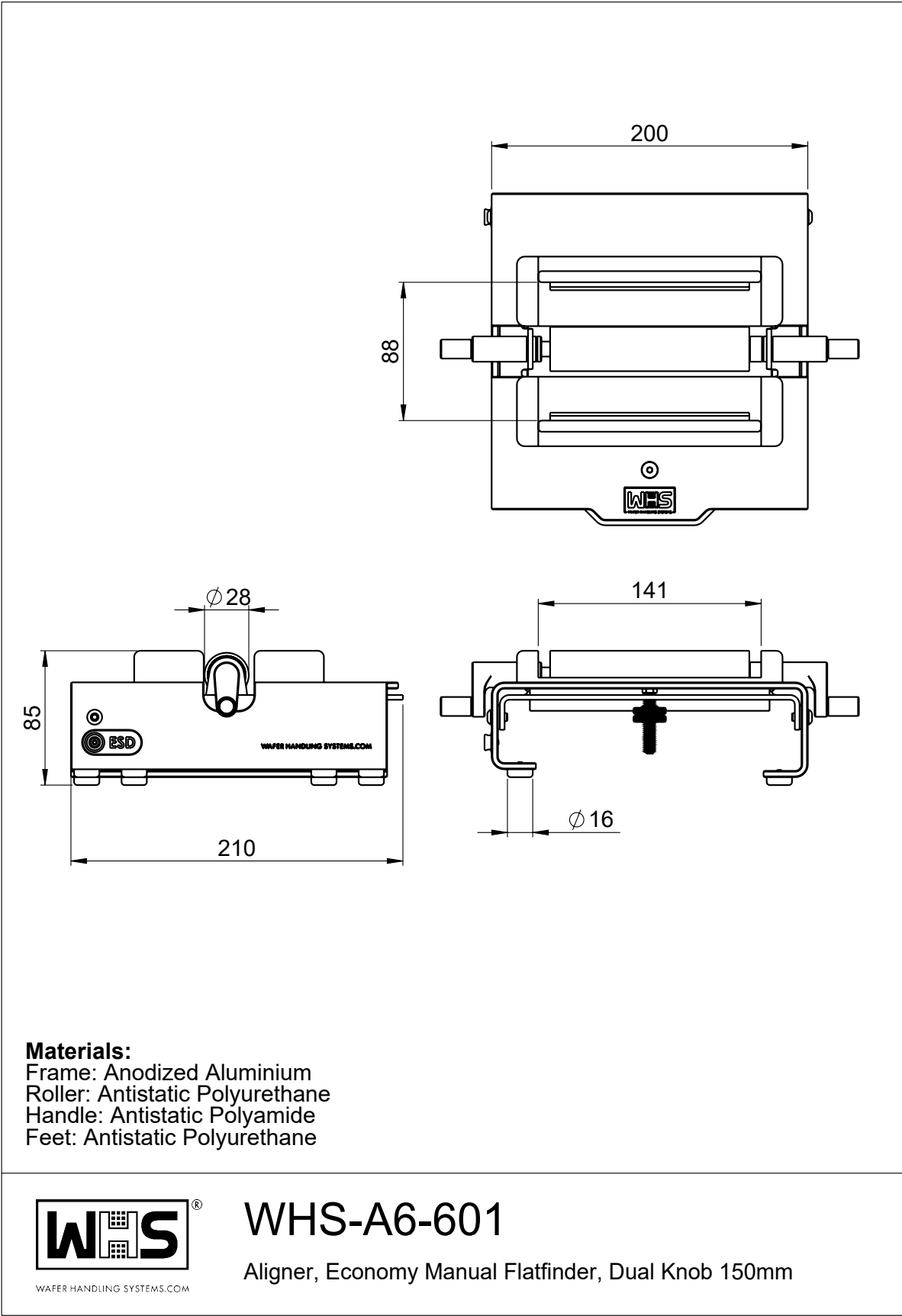
Frame: Anodized Aluminium
 Roller: Antistatic Polyurethane
 Handle: Antistatic Polyamide
 Feet: Antistatic Polyurethane

**WHS-A6-401**

Aligner, Economy Manual Flatfinder, Dual Knob 100mm

date: 01-10-2022 | scale: 1:3 | entity: mm | This drawing is owned by WHS trademark and may not be copied, reproduced or shown to third parties without written permission.

REV122024



date: 01-10-2022 | scale: 1:3 | entity: mm | This drawing is owned by WHS trademark and may not be copied, reproduced or shown to third parties without written permission.

REV122024