

SMART Grade™

ROBOTIC COSMETIC GRADING FOR MOBILE DEVICES

SMART Grade™ is a fully robotic solution for precisely scanning and instantly grading the cosmetic condition of mobile devices for accurate resale valuation.

Consistent, Accurate Mobile Device Condition Inspection and Grading

FutureDial's SMART Grade™ cosmetic grading station utilizes high speed scanning cameras and diverse lighting to deep-scan all the surfaces of Android and iOS mobile devices quickly and accurately to determine reliable grading of cosmetic condition.

The SMART Grade™ system can be hand-fed or use robotic arm loading for placing mobile devices into the unit's loading bay for scanning.

The target mobile device passes through the several scans of all 6 sides and 4 corners of the device AND is instantly graded — all under a minute.

The detailed digital scan results are automatically logged and analyzed by the SMART Grade™ system software to instantly determine condition grading, along with recording relevant digital images and grading criteria used in the assessment for recordkeeping purposes at the IMEI level.



High-Speed Automated Scanning

Scans and immediately grades all 6 surfaces and edges as well as 4 corners of a device. Deep scanning detects cosmetic surface flaws and defects and damage often missed by the naked eye.



Flexibility in Cosmetic Grading

Fully configurable and scalable to meet customer grading requirements. Knowledgebase allows for finer cosmetic grading to be implemented for upscale on grading level, such as A, B+, B, C+ and C- level repeatable grading across all different device models.



Deep Machine Learning for Consistent Grading

The vision and scanning system incorporate deep machine learning for consistent grading, and calibration improvement as additional Android and iOS device models are captured over time.



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