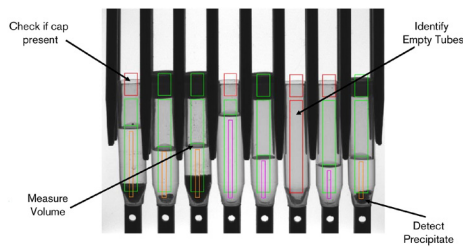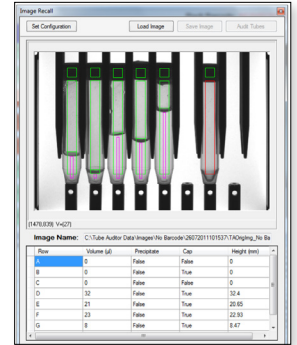# Tube Auditor

Tube Auditor™ is a fast, accurate and non-invasive device used to measure sample volume in microtubes. The instrument performs quick and easy Goods-In and Goods-Out QA checks to help ensure that your suppliers are providing what you ordered and that your customers are receiving what you promised. Tube Auditor gives confidence in sample quality (at both collection and output) and helps to reduce downstream costs and waste, which can arise from empty wells and precipitated samples

- High-speed measurement - accurate to better than +/- 10μl - minimizes downstream costs from the processing of empty plate wells

- Compatible with 96-SBS or 48-SBS format racks

- Precipitate detection - increases confidence in the concentration of delivered output samples

- Cap detection - helps avoid damage to liquid handling tips caused by failed de-cap operations

- No need to de-cap tubes - eliminates possibility of cross contamination

- Manual or remote operation - if integrated into an automated system, an OPC license is required to enable remote control

- Image storage and recall - allows audit trail and provides ability to re-assess or re-analyze the image

- Tube Auditor uses high-speed vision technology to measure sample volume and detect precipitate

Specifications

Parameter	Tube Auditor
Volume measurement	√
Cap detection	√
Manual and remote operation	√
User interface software	√
Image capture and recall	Available with "Pro" version enabled only
Precipitate detection	Available with "Pro" version enabled only
Dimensions (L x W x H)	872 x 433 x 433mm (34.33 x 17.05 x 17.05in)
Weight	35kg (77lbs)
Electrical	110-240 VAC 50/60Hz
PC	Microsoft Windows 10
Output data format	CSV or XML(user configurable)

Ordering Information

System	
96-0001	Tube Auditor, 96-format, for high-speed non-contact volume measurement
96-0002	Tube Auditor, 96-format, for high-speed non-contact volume measurement, with 2D tube reader
96-0003	Tube Auditor, 96-format, for high-speed non-contact volume measurement, with opc license
96-0004	Tube Auditor, 96-format, for high-speed non-contact volume measurement, with 2D tube reader and opc license
Tube Auditor compatible with 48-SBS racks	
98-0001	Tube Auditor, 48-format, for high-speed non-contact volume measurement
98-0002	Tube Auditor, 48-format, for high-speed non-contact volume measurement, with 2D tube reader
98-0003	Tube Auditor, 48-format, for high-speed non-contact volume measurement, with opc license
98-0004	Tube Auditor, 48-format, for high-speed non-contact volume measurement, with 2D tube reader and opc license
Software License for Pro version	
97-0001	Tube Auditor Precipitate Detection Software, used to activate the Precipitate Detection feature of Tube Auditor, provides a facility to save and recall audited tube images, suitable for Tube Auditor 48-format (part number 98-0001-98-0004) and Tube Auditor 96-format (part number 96-0001-96-0004), compatible with all existing Tube Auditor configurations

✓ **Integration Friendly**

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