

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
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Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
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Уфа (347)229-48-12
Хабаровск (4212)92-98-04
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Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://azenta.nt-rt.ru/> || aez@nt-rt.ru

Tube Auditor



Tube Auditor | With PC

The Azenta Life Sciences Tube Auditor 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

- High-speed measurement
- Cap and precipitate detection
- No need to de-cap tubes
- Manual or remote operation
- Image storage and recall
- Integration friendly

Overview

The Tube Auditor is a fast, accurate and non-invasive device used to measure sample volume in microtubes. It can also be used to detect precipitate, and therefore to help understand sample quality. It works with capped tubes ensuring that sample quality is not compromised. The Tube Auditor is compatible with 96-SBS or 48-SBS format racks.

It can be used as a stand-alone unit or integrated into an automated system. If integrated into an automated system, an OPC license is required to enable remote control. It measures sample volume and detects precipitate using high-speed vision technology. The 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.

Key Features

- **Operation & Performance**
 - High-speed measurement
 - Accurate to better than +/- 10µl; minimizes downstream costs from the processing of empty tubes

- 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: allows integration into automated system
- Image storage and recall: allows audit trail and provides ability to re-assess or re-analyze the image

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)
Power supply	110-240 VAC 50/60Hz
PC	Microsoft Windows 10
Output data format	CSV or XML(user configurable)

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
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Tube Auditor compatible with 96-SBS racks

96-0001	standard configuration; includes 1D Barcode Reader (to identify the evaluated SBS-rack), PC and TA software used to assess volumes by default
96-0002	equipped with 2D reader; includes all items mentioned on 96-0001 plus a 2D barcode reader for fast identification of racked 2D-coded sample tubes
96-0003	standard configuration for integration; includes 1D barcode reader (to identify the evaluated SBS-rack), PC and TA software used to assess volumes by default; also equipped with an OPC license (Open Platform Communications) for industrial telecommunication and system integration
96-0004	premium configuration; includes 1D barcode reader (to identify the evaluated SBS-rack), PC and TA software used to assess volumes by default; also equipped with a 2D barcode reader (for sample tubes) and with an OPC license for system integration

Tube Auditor compatible with 48-SBS racks

98-0001	standard configuration; includes 1D barcode reader (to identify the evaluated SBS-rack), PC and TA software used to assess volumes by default
98-0002	equipped with 2D reader; includes all items mentioned on 98-0001 plus a 2D barcode reader for fast identification of racked 2D-coded sample tubes
98-0003	standard configuration for integration; includes 1D barcode reader (to identify the evaluated SBS-rack), PC and TA software used to assess volumes by default; also equipped with an OPC license (Open Platform Communications) for industrial telecommunication and system integration
98-0004	premium configuration; includes 1D barcode Reader (to identify the evaluated SBS-rack), PC and TA software used to assess volumes by default; also equipped with a 2D barcode reader (for sample tubes) and with an OPC license for system integration

Software License for Pro version

97-0001	Precipitate detection
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