Архангельск (8182)63-90-72	**И**жевск (3412)26-03-58	**М**агнитогорск (3519)55-03-13	**П**ермь (342)205-81-47	**С**ургут (3462)77-98-35
Астана (7172)727-132	**И**ркутск (395)279-98-46	**М**осква (495)268-04-70	**Р**остов-на-Дону (863)308-18-15	**Т**верь (4822)63-31-35
Астрахань (8512)99-46-04	**К**азань (843)206-01-48	**М**урманск (8152)59-64-93	**Р**язань (4912)46-61-64	**Т**омск (3822)98-41-53
Барнаул (3852)73-04-60	**К**алининград (4012)72-03-81	**Н**абережные Челны (8552)20-53-41	**С**амара (846)206-03-16	**Т**ула (4872)74-02-29
Белгород (4722)40-23-64	**К**алуга (4842)92-23-67	**Н**ижний Новгород (831)429-08-12	**С**анкт-Петербург (812)309-46-40	**Т**юмень (3452)66-21-18
Брянск (4832)59-03-52	**К**емерово (3842)65-04-62	**Н**овокузнецк (3843)20-46-81	**С**аратов (845)249-38-78	**У**льяновск (8422)24-23-59
Владивосток (423)249-28-31	**К**иров (8332)68-02-04	**Н**овосибирск (383)227-86-73	**С**евастополь (8692)22-31-93	**У**фа (347)229-48-12
Волгоград (844)278-03-48	**К**раснодар (861)203-40-90	**О**мск (3812)21-46-40	**С**имферополь (3652)67-13-56	**Х**абаровск (4212)92-98-04
Вологда (8172)26-41-59	**К**расноярск (391)204-63-61	**О**рел (4862)44-53-42	**С**моленск (4812)29-41-54	**Ч**елябинск (351)202-03-61
Воронеж (473)204-51-73	**К**урск (4712)77-13-04	**О**ренбург (3532)37-68-04	**С**очи (862)225-72-31	**Ч**ереповец (8202)49-02-64
Екатеринбург (343)384-55-89	**Л**ипецк (4742)52-20-81	**П**енза (8412)22-31-16	**С**таврополь (8652)20-65-13	**Я**рославль (4852)69-52-93
Иваново (4932)77-34-06				
	Киргизия (996)312-96-26-47	**Р**оссия (495)268-04-70	**К**азахстан (772)734-952-31	

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

BioStore™ -80°C Automated Sample Storage System

B2-C26-H10 | BioStore -80°C Automated Sample Storage System

BioStore is the only automated sample management and biological storage system that provides flexible, modular solutions with the security and reliability which can precisely fit the biobank customer's needs

- Can accommodate 70,000 to over 10 million tubes
- Fits the widest range of labware in a single store
- Dynamic storage shelving
- Highly customizable

Overview

BioStore -80°C Automated Sample Storage System is a biological storage system that improves sample quality with highly controlled cold-chain and inventory management. The BioStore system's HD storage trays and multi-pitch shelving maximize storage density to offer storage efficiency and incredible storage density. BioStore's decoupled robotics allow for targeted access and servicing while the rest of the system remains operational maximizing system uptime.

Trained users can handle first level service issues and access to the system in case of emergency. The proven BioStore system provides the highest throughput, for optimum sample availability. Azenta Life Sciences is the preferred storage partner to the world's top biotechnology companies and the leader in automated biosample storage.

Please contact us to discuss your specific storage labware and capacity requirements.

Key Features

- **Properties**
  - **System sizing**: a wide range of capacity options are available from 70,000 to over 10 million tubes
  - **Labware flexibility and adaptability**: handles the widest range of labware available in a single store, including cryovials, SBS formatted tubes, SBS plates and more
  - **Functional modules**: allow for customization to meet your needs today and can be modified to meet your future needs
  - **High-density storage**: reformatting labware to proprietary HD storage racks can more than double storage capacity compared to SBS formatted storage
  - **Multi-pitch shelving**: dynamic storage shelving maximizes storage density; a sample imaging module captures barcodes, labware type and heights to assure an optimal storage location
  - **Easy to use**: no special expertise required to operate the system
  - Various models available including options for space efficiency
- **Quality**

  The BioStore system maintains sample integrity by keeping innocent (unpicked) samples at storage temperature throughout the picking process. Other quality assurance features include:

  - **Sample security**: redundant refrigeration circuits and backup LN2 capability are standard, and help maintain consistent sample temperature in case of catastrophic power outage
  - **-80°C picking modules**: can pick cohorts of tubes and maintain non-targeted, 'innocent' samples at -80°C until requested by user
  - **Temperature homogeneity**: by placing the evaporators above all samples, the temperature remains constant throughout the storage environment
  - **Minimized thermal disruption**: a passive tile wall insulates the storage compartment and allows for rapid sample access; less than 1% of the wall surface area is opened when samples are retrieved, ensuring innocent samples are not exposed to unnecessary temperature cycling
- **Intuitive, Easy to Use, Fully Featured Strata™ Sample Management Software**

  ### Easy to use interface

  - Intuitive, information-rich display permits operation with no special training
  - Customizable to optimize everyday usage, and support application-specific workflows

  ### High performance and reliability

  - Provides full order control including drag-and-drop order prioritization
  - Optimizes throughput through more efficient batch workflows and order decomposition

  ### Seamless IT integration

  - Flexible deployment options include active directory integration and encrypted system access passwords
  - LIMS options include Web services API, database, and file-based integration
  - Accessibility is highly configurable with definable user roles

  ### Sample security and remote access

  - Lifetime inventory and environmental tracking enabling sample chain of custody and audit trail reports
  - Data is accessible from any location using laptop, tablet, or web-enabled devices

System data logging and automation interface

- o Performance tracking assures reliability and enables remote diagnostics and troubleshooting
- o Enables easy integration with external automation for fully integrated end-to-end processing solutions