



ANCHOR BEAD 32 CE*

Technical Specification Sheet

ULTRA-FAST NUCLEIC ACID EXTRACTION

The ANCHOR BEAD 32 system delivers fully automated extraction of PCR-grade pathogen DNA and RNA, powered by SpeedPURE® magnetic-bead technology for fast, efficient, and highly reproducible nucleic acid recovery.

Its compact benchtop design and intuitive operation make it ideal for low- to medium-throughput applications. It is also well suited as a complementary system in high-throughput laboratories.

Speed & Flexibility



- High-speed nucleic acid extraction using SpeedPURE® reagents
- Flexible throughput: 1-32 samples in ~15 minutes
- Pre-loaded protocols for 200 µL and 400 µL input volumes

Ease of Use & Workflow Integration



- Intuitive touchscreen, easy setup, minimal maintenance
- Quiet, low vibration operation suitable for routine lab environments
- Internal LED lighting for clear process visibility

Contamination Control & Footprint












- UV sterilization and integrated HEPA filter for contamination prevention
- Disposable consumables to eliminate carryover risk
- Compact benchtop design, ideal for space-limited laboratories

TECHNICAL SPECIFICATIONS

Operating principle	Magnetic bead-based nucleic acid extraction
Throughput	1-32 samples (fully flexible)
Extraction formats	<ul style="list-style-type: none"> SpeedPURE® Go cartridges for individual samples (total of 16 samples per run) SpeedPURE® Multi deep-well plates for batches of 16 samples (total of 32 samples per run) SpeedPURE® Flex bottled reagents for up to 384 samples, compatible with ANCHOR BEAD 32 or other magnetic bead-based extraction platforms
Processing volume	30 - 1,000 µL
Processing time	approx. 15 minutes using SpeedPURE® extraction reagents
Extraction reproducibility	CV ≤ 5 %
Heating temperature	Up to ~120 °C
Heating time	From ambient to ~120 °C in ≤ 4 minutes
Cooling time	From 100 °C to 40 °C in ≤ 10 minutes
Temperature accuracy	±0.5 °C
Temperature uniformity	At 100 °C: ≤ 3 °C
Mixing	Programmable shaking with 10 speed levels
User interface	7-inch color touchscreen
Internal programs	2 pre-loaded SpeedPURE® protocols, up to 500 protocols programmable
Connectivity	2 × USB (Type-A), 1 × USB (Type-B)
Sterilization method	Built-in UV light
Air purification	Integrated HEPA filter system to prevent aerosol-based cross-contamination
Power supply	AC 110–240 V, 50/60 Hz, 450 VA
Dimensions (W × D × H)	41.7 × 41.0 × 42.6 cm
Weight	29.5 kg

ORDERING INFORMATION

CAT. NO.	PRODUCT NAME	PRODUCT DESCRIPTION	QUANTITY/ PACK SIZE
AP03432	 ANCHOR BEAD 32 Instrument	Automated nucleic acid extraction system	1
AP03431	 SpeedPURE® Go Cartridge Holder	Holder for SpeedPURE® Go cartridges	1
AP03462	 SpeedPURE® Magnetic Rod Covers	Magnetic rod covers for ANCHOR BEAD 32 instrument	50
AP03461	 SpeedPURE® Deep-Well Plates	96-well deep-well plates, V-bottom	10
AP03400S	 SpeedPURE® Go Kit	Prefilled and presealed cartridges for nucleic acid extraction in combination with ANCHOR BEAD 32 instrument	48 extractions
AP03400M	 SpeedPURE® Multi Kit	Prefilled and presealed 96 well deep-well plates for nucleic acid extraction in combination with ANCHOR BEAD 32 instrument	96 extractions
AP03400L	 SpeedPURE® Flex Kit	Bottled reagents for nucleic acid extraction in combination with ANCHOR BEAD 32 or other magnetic bead-based nucleic acid extraction instruments	384 extractions
AP03441	 SpeedPURE® Dilution Buffer	Dilution buffer for preparation of stool suspensions	for 100 samples (100 mL)
AP03442	 SpeedPURE® Pre-Lysis Buffer	Pre-lysis buffer for pre-treatment of whole blood samples	for 500 samples (100 mL)

SpeedPURE® products available as RUO (research use only).
Products not available in all countries.



ANCHOR Diagnostics GmbH
Grandweg 64
22529 Hamburg, Germany
phone: +49 40 52 471 62 0
www.anchor-diagnostics.com