

NEWSLETTER



SMARTER DISSOLUTION TESTING FOR HIGH-THROUGHPUT PHARMACEUTICAL LABS

Dissolution testing can look simple until the workload spikes. Method timing, temperature control, sampling consistency, and reporting requirements all compete with throughput. When those variables are managed manually, results can drift, documentation takes longer, and rework becomes expensive.

Torontech's dissolution portfolio is designed around one goal: help labs run repeatable dissolution tests while keeping reporting and traceability straightforward. This edition highlights bathless Veritas systems for efficiency, manual syringe configurations for controlled sampling, plus a dedicated vessel washer to reduce turnaround time between runs.

BATHLESS SYSTEMS FOR THROUGHPUT + COMPLIANCE



ToronDT™ Veritas-14 with Sample Collector (Dx)

- Bathless heating to conserve water, time, and electricity.
- Fast thermal response: heater jackets can bring media from 25°C to 37°C in ~15 minutes (as stated on the product page).
- Built for controlled/sustained release workflows: TimeAction™ supports media changeover and extended runs.



ToronDT™ Veritas 8 (Bathless)

- Supports USP Apparatus 1 (basket) and 2 (paddle) and is positioned for regulated QC/manufacturing use.
- Highlights include 21 CFR Part 11, biometric login, audit trail, and advanced reporting/data management.



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MANUAL SYRINGE SAMPLING (NEW GENERATION)



Torontech™ MSS 14 / MSS 08

- Built around manual syringe sampling for controlled, flexible sample collection.
- 7-inch TFT touchscreen for setup and operation (noted on the product page).
- Includes data integrity / traceability elements (electronic records, audit trail, PDF reporting, LAN connectivity are listed).



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BASIC LINE



ToronDT™ B14 (Basic)

- 14-station throughput: Parallel testing capacity to boost lab efficiency.
- Precision temperature control: Isolated controller + circulating pump to minimize vibration and maintain uniform bath conditions.
- Data integrity + reporting: Multi-level user security, audit trail, electronic logbook, role-based access; stores up to 50,000 reports with PDF export.



ToronDT™ B8 (Basic)

- 8-station platform with accurate mechanics: Precise vessel centering + automatic stirrer height positioning for USP Apparatus 1, 2, 5, and 6.
- IntegROS™ data integrity OS: Multi-level security, electronic logbook, and audit trail.
- Programmable sampling + volumes: Up to 24 sampling intervals, 1–20 mL sample volume range.



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ToronDT™ Automated Dissolution Vessel Washer



- Programmable multi-cycle cleaning using common lab cleaning media (detergent, methanol, Deconex, purified water are mentioned).
- Hot water up to 60°C to help remove stubborn residues.
- Closed wash chamber to reduce splashing and solvent exposure during vessel cleaning.

Why choose Torontech for your dissolution testing workflow

- Designed for regulated environments with a focus on pharmacopeial alignment (USP / Ph. Eur. / JP, and IP on Veritas-14).
- Data integrity is integral, featuring secure access control, audit trails, and compliant record handling.
- Scalable options for labs: 8 vs 14 stations, bathless vs water-bath configurations, and manual syringe sampling.
- Workflow-first ecosystem streamlines testing, reporting, and vessel cleaning to minimize bottlenecks.
- Torontech has a proven track record of over 20 years in providing innovative, cost-effective technologies.

Model Match Guide for Dissolution Testing

Workflow Priority	Recommended Models	Why It Fits
Maximum throughput + fewer routine steps	ToronDT™ Veritas 14 (bathless)	Built for high-capacity dissolution with a workflow that reduces water-bath handling and improves day-to-day efficiency.
Bathless efficiency in a smaller footprint	ToronDT™ Veritas 8 (bathless)	A streamlined 8-station option when space and throughput are balanced priorities.
Controlled manual sampling (syringe) with higher capacity	14-station Manual Syringe System (New Generation)	Manual syringe sampling supports controlled collection and flexible routines when labs prefer hands-on sampling workflows.
Manual syringe workflow with moderate throughput	8-station Manual Syringe System (New Generation)	Same sampling concept, optimized for labs with fewer daily runs or smaller batches.
Straightforward, budget-focused dissolution capacity	ToronDT™ B14 Basic / B8 Basic	Practical systems when you need standard dissolution capability with a simpler configuration approach.
Faster turnaround between runs	Dissolution Vessel Washer	Helps reduce cleaning time and operator workload so the dissolution tester stays productive.

Ready to upgrade your dissolution testing workflow?

Torontech's dissolution systems are built to help pharmaceutical labs improve repeatability, reduce manual friction, and keep documentation audit-ready. Explore the full dissolution tester lineup here: <https://www.torontech.com/category/dissolution-tester/>

For expert guidance on selecting the right station count and configuration for your throughput and compliance needs, contact: sales@torontech.com