CD14 COMPARATIVE DISSOLUTION

The Teledyne Hanson 14-vessel CD14 Comparative Dissolution Tester

runs two methods simultaneously or independently—ideal for bioequivalence studies of generic vs. innovator drug formulations. The 14 stirring positions allow for 6+1 or 12+2 configurations for improved workload efficiency in R&D, formulations, QC, and stability-test labs. With digital temperature probes at 12 positions the CD14 is able to test two different formulations with separate settings for every parameter under the same temperature conditions.



- Smallest footprint in its class: 85 cm W x 61 cm D.
- Precision vessel centering system exceeds the most demanding enhanced mechanical specifications.
- Store up to 500 protocols (methods) on-board.
- Rugged waterbath with low-position front port for ease of draining.
- Large color touch screen with adjustable tilt angle for operators of different heights.

21 CFR Part 11 Compliance

- Up to 100 users with three-levels of security and customizable profiles at each level.
- Biometric fingerprint reader for positive ID of users, plus password-only option.
- Customizable report formats with up to three signatures per report.



CD14 Tester Specifications

- Compatible with Apparatus 1, 2, 5, and 6.
- Spindle speed: 25 rpm to 250 rpm, accurate to ± 1 rpm with displayed resolution 0.1 rpm.
- Temperature: programmable from 25.0 °C to 50.0 °C with accuracy of ± 0.5 °C.
- Digital temperature probes: 10 °C to 60 °C with accuracy of ± 0.1 °C from 30 °C to 55 °C, and displayed resolution of 0.01 °C.
- Compliant with USP, EP, JP, US FDA Enhanced Mechanical Calibration and ASTM E2503 standards.
- Seamless integration with CD AutoPlus[™] autosamplers and AutoFill[™] fraction collectors.



CD14 ORDERING INFO

For more information, please contact your local Teledyne Hanson representative or email us at: hansonsales@teledyne.com

DISSOLUTION TESTER PACKAGES

75-101-111 CD14 Manual Dissolution System

Includes 14 Easi-Lock vessels, 14 Easi-Lock vessel covers, 14 spin-paddles (PVDF), 12 basket shafts (SS), 12 baskets (SS), 14 manual sampling cannulas, 1 jar of sample tip filters (1,000), USP Q-Pak, and certifications. Requires 2 power cords ordered separately.

75-101-121 CD14 DTP Dissolution System

Includes 14 Easi-Lock vessels, 12 Easi-Lock ADD vessel covers, 2 Easi-Lock vessel covers, 14 Spin-paddles (PVDF), 12 basket shafts (SS), 12 baskets (SS), 14 manual sampling cannulas, 1 jar of sample tip filters (1,000), 12-position AutoMag, 12 digital temperature probes, 2 stackable apparatus trays, USP Q-Pak, and certifications. Requires 2 power cords ordered separately.

75-101-131 CD14 AutoProbe Dissolution System

Includes 14 Easi-Lock vessels, 12 Easi-Lock ADD vessel covers, 2 Easi-Lock vessel covers, 14 spin-paddles (PVDF), 12 basket shafts (SS), 12 baskets (SS), 12-position AutoMag, 12-position PEEK Auto-Probe Kit sample/return, 1 jar of sample tip filters (1,000), 2 stackable apparatus trays, USP Q-Pak, and certifications. Requires 2

75-101-141 CD14 AutoProbe/DTP Dissolution System

power cords ordered separately.

Includes 14 Easi-Lock vessels, 12 Easi-Lock ADD vessel covers, 2 Easi-Lock vessel covers, 14 spin-paddles (PVDF), 12 basket shafts (SS), 12 baskets (SS), 12-position AutoMag, 12-Position PEEK Auto-Probe Kit sample/return, 12 digital temperature probes, 1 jar of sample tip filters (1,000), 2 stackable apparatus trays, USP Q-Pak, and certification. Requires 2 power cords ordered separately.

DISSOLUTION TESTERS

75-101-101 CD14 Dissolution Tester, 1 L

Includes tester only; order accessories and power cords (2 required) separately.

Q-PAK™ QUALIFICATION GUIDELINES

75-108-105 Q-Pak IQ/OQ/PQ Validation Guideline,

CD14, USP

75-108-106 Q-Pak IQ/OQ Validation Guideline,

CD14, ASTM

ACCESSORIES

27-101-091	Filter, Tip Sample, 10 micron, PE, 1/8 in., 1,000pk
74-104-201	Cannula, Manual Sampling, Adjustable, 1/8 in., PEEK

74-104-280 Apparatus Tray. Stackable **74-105-201** Spin-Paddle, PVDF, Serialized

74-105-202 Spin-Paddle, 316 SS, Serialized

74-105-251 Spin-Basket Shaft, 316 SS, 1 L, Serialized **74-105-252** Basket, Precision, 40 Mesh, 316 SS, Serialized

74-107-090 Printer, Validation, 115/230 V, Epson

74-107-022 Vessel Cover, Easi-Lock

74-107-023 Vessel Cover, Easi-Lock ADD

75-107-101 Vessel, Easi-Lock, 1 L, Glass, Clear, Serialized **75-107-102** Vessel, Easi-Lock, 1 L, Glass, Amber, Serialized

75-107-121 Vessel, Easi-Lock, Super Precision, 1 L, Glass, Clear

75-107-122 Vessel, Easi-Lock, Super Precision, 1 L, Glass, Amber

75-107-150 Dual AutoMag, 12 Positions, Factory Installed Includes magazine enclosures; order Auto-Probe kits separately.

75-107-151 Dual AutoMag, 12 Positions, Field Installed Includes magazine enclosures and mounting hardware; order Auto-Probe kits separately.

75-107-160 Auto-Probe Kit, PEEK, 12 Positions, Sample and Return Probes, Factory Installed Includes 12 PEEK sample probes, 12 RTV probes, 4 harnesses, and mounting hardware.

75-107-161 Auto-Probe Kit, PEEK, 12 Positions, Sample and Return Probes, Field Installed Includes 12 PEEK sample probes, 12 RTV probes, 4 harnesses, and mounting hardware.

75-107-170 Auto-Probe Kit, SS, 12 Positions, Sample and Return Probes, Factory Installed

Includes 12 SS sample probes, 12 RTV probes, 4 harnesses, and mounting hardware.

75-107-171 Auto-Probe Kit, SS, 12 Positions, Sample and Return Probes, Field Installed

Includes 12 SS sample probes, 12 RTV probes, 4 harnesses, and mounting hardware.

75-107-180 Digital Temp Probes w/PCB, 12 Positions, Factory Installed

Includes 12 digital temperature probes.

75-107-181 Digital Temp Probes w/PCB, 12 Positions,

Field Installed

Includes 12 digital temperature probes and installation hardware.

