



**RIGGTEK**  
Dissolution Test Systems



# RIGGTEK Brochure

Product Portfolio 2020



**RIGGTEK GmbH**

Dissolution Test Systems



QUALITY LAB ACCESSORIES

[www.QLA-LLC.com](http://www.QLA-LLC.com)

Since 1996 RIGGTEK is offering a wide product range for the Dissolution Test and combines innovative instruments from RIGGTEK like the famous „DissoPrep“ Media Delivery Station with the high quality dissolution accessories from QLA for all dissolution brands.

# RIGGTEK Brochure

Customer references



Some of our customer references worldwide



# DissoPrep X8

## Dissolution Media Preparation and Delivery Station



**RIGGTEK GmbH**  
Dissolution Test Systems

The RIGGTEK „DissoPrep X8“ Media Preparation and Delivery Station is the result of 20 years of experience with the gravimetric working principle. It ensures very precise dosing with extremely high degassing efficiency and best reproducibility. The system offers great flexibility, optional mobile use, easy operation, high network connectivity and easy operation with the innovative „Browser-Interface“, which also allows 21CFR compliant usage.

- **PREPARATION ACCORDING USP METHOD / USP COMPLIANT**

The DissoPrep is filtering, warming, mixing, degassing and dispensing media directly into the vessels according to the recommended process of the USP.

- **GRAVIMETRIC MIXING AND DOSING**

The gravimetric working principle ensures a very high mixing and dispensing accuracy directly into the vessels, even better than the recommended 1% by the USP – even if foaming media is used.

- **REPRODUCIBLE RESULTS**

The working principle of the DissoPrep ensures, that each method performed produces the same results regarding dispensed volume and degassing every time. Results can not be manipulated by users.

- **HIGH DEGASSING EFFICIENCY**

Because the DissoPrep is using no fluidic pump, but withdraws and dispenses media by vacuum or pressure, the degassing under vacuum starts during withdrawing the media. Additionally the combination of heating and high vacuum ensures reproducible degassing with better than 5ppm of residual oxygen.

- **TIMESAVING**

While you are preparing your dissolution test, the DPX is creating one batch of media (8 or 15 liter). The filling of each vessel can be done one after the other within a few seconds only.

- **COMPLETE DOCUMENTATION / CFR COMPLIANCE**

The DissoPrep delivers a complete documentation. With the standard Browser-Interface – controlled with every Web-Browser – a CFR-compliance can be ensured incl. electronic signature.

# Sampilio X8

## Dissolution Autosampler



**RIGGTEK GmbH**  
Dissolution Test Systems

The RIGGTEK „Sampilio X8“ Dissolution Autosampler is the result of listening to the needs of our customers. It works with patented small volume diaphragm pumps, which ensure high precision, low cross-contamination and short sampling intervals. The system offers a small footprint in your laboratory, high network connectivity and easy operation with the innovative „Browser-Interface“, which also allows 21CFR compliant usage.

- **COMPAREABLE TO MANUAL SAMPLING**

The patented pumps ensure a „first-in-first-out“ working principle. In combination with the low internal dead volume the sampling is absolutely comparable to a manual sampling with a syringe.

- **LOWEST CROSS CONTAMINATION**

Low internal dead volume, inert parts and less internal „bottle necks“ like connections ensure the lowest possible cross contamination for reproducible and accurate results.

- **SHORT SAMPLING INTERVALS**

Short sampling times ensure more precise results and a better quality control of the dissolution process. The Sampilio X8 achieves sampling intervals down to 2min, because of the low internal dead volume and efficient dispensing process.

- **EASY OPERATION**

The Sampilio X8 is ready to use within a few minutes due to the easy, step-by-step menu. The handling of the racks is done within seconds. For more detailed things, like administration of users, creation of reports, etc. the innovative Browser-Interface is used.

- **EASY CLEANING AND MAINTENANCE**

Cleaning of Autosamplers can be time consuming. The Sampilio X8 uses standard test tubes, which can easily be replaced after each test. The automated cleaning process and the minimum of internal connections with a low dead volume ensure very easy cleaning as well as low maintenance.

- **FLEXIBLE FOR FUTURE TASKS**

The individual bidirectional pumps for each line, the high performance CPU and all kinds of electronic connectors ensure flexibility for future tasks and demands.

# easyDISS TX6 / TX8

Dissolution Tester



**RIGGTEK GmbH**

Dissolution Test Systems

The RIGGTEK „easyDISS“ Dissolution Tester is a basic dissolution tester with reliable, easy to use technology. The high quality production ensures the highest standards of performance and reliability. It is USP-compliant, available with 8 positions and all accessories like USP Apparatus 1,2,5, rotating cylinders, immersion cell, small volume kits or intrinsic kit. This ensures great flexibility and efficiency in your lab.

- **8 POSITIONS**  
The easyDISS has 8 positions as standard
- **MANY ACCESSORIES**  
Various accessories are available for the easyDISS like USP Apparatus 1,2,5, rotating cylinders, intrinsic kit, immersion cell, auto-tablet drop-kit, amber vessels and covers or Teflon coating.
- **EASY VESSEL CENTERING**  
An easy changeable vessel-ring ensures a strong and reproducible vessel fixing in each position.
- **QUICK CHANGE OF PADDLES AND BASKETS**  
Due to screw fittings baskets, paddles, rotating cylinders can be switched within seconds.
- **LASER NUMBERING AND CERTIFICATION**  
All parts like shafts, vessels, paddles, baskets, etc. are serialized by laser-numbering and delivered with certificates of conformance. Certificates of Analysis are available on demand. This ensures easy performance of the EMC (Enhanced Mechanical Calibration Qualification Test).
- **DOCUMENTATION AND CONNECTION**  
Reports can be printed and easily administrated via the Browser Interface with a connection to the Autosampler Sampilio X8. The Sampilio is also able to control the easyDISS to perform a simultaneous start of your Dissolution Test. Moreover the whole method can be reported into one common report.



???

Dissolution Tester



**RIGGTEK GmbH**

Dissolution Test Systems

RIGGTEK is continuously improving its instruments and increasing its product range. We will introduce soon a new Dissolution Tester with

- water bath heating,
- smart features,
- innovative features and
- best quality "Made in Germany".

Keep excited.

# Browser-Interface

part of the firmware – no software



The RIGGTEK “Browser-Interface” is a standard feature of our newly developed products. It is part of the firmware, there is no need for a software installation and/or software validation.

It connects your RIGGTEK-instrument easily via LAN to your PC or company network and allows easy administration of methods, reports, users, audit trail, security settings, etc.. Optional, it is possible to work CFR-compliant incl. electronic signature.



**RIGGTEK GmbH**  
Dissolution Test Systems





*Designed specifically for laboratory use, the LabEye is a ready-to-implement multi-camera system performing visual process monitoring, chronicling research in HD clarity and providing automation troubleshooting. Engineered by Two Square Science this collaborative effort between Distek, Two Square Science and Industry leaders offers a welcome and needed addition to any laboratory that looks to streamline pharmaceutical testing in both research and development and quality environments.*

- **LAB READY CAMERAS**

Capturing images in true HD, the LabEye cameras record 30fps at 1080p resolution.

- **DIRECT TO DIGITAL, HD RESOLUTION**

Take snapshots at a high frame rate with HD resolution and watch live or save video for later playback.

- **SCHEDULING**

Timed snapshot and video recorded events can be scheduled and created in the control software then sent to the command center which will start processing the schedule immediately.

- **STANDARD MOUNTING SYSTEM**

Equipped with a standard mount system for popular dissolution systems and other analytical devices.

- **SCALABLE**

Scalable from 1 - 8 cameras.

- **FILE VALIDATION**

All files are stored along with a unique file name and key computed from the data in the file. A file moved from the Command Center can be re-uploaded and validated to ensure file edits have not occurred.

- **RAPID ROI**

Low cost of ownership and implementation with a rapid return on investment. Free up high value personnel.

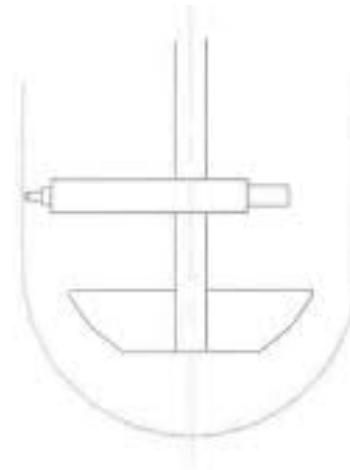
# Qualification Tools

for example the Axis Probe



**RIGGTEK GmbH**  
Dissolution Test Systems

The RIGGTEK „Axis Probe“ makes it easy to verify paddle or basket shaft centering accurately inside the vessel for all high-head Dissolution Testers.



# Qualification Tools

for example the Level Probe



**RIGGTEK GmbH**

Dissolution Test Systems

The RIGGTEK „Level Probe“ is a special gauge for accurately set the paddle or basket height in all high-head Dissolution Testers or for validating the height of each stirring element precisely in seconds.



# QLA Accessories

Dissolution Accessories for all brands / manufacturers



QUALITY LAB ACCESSORIES

[www.QLA-LLC.com](http://www.QLA-LLC.com)

Quality Lab Accessories, LLC (QLA) is a leading manufacturer and supplier of Dissolution Accessories and Consumables, Calibration Tools and Services to Pharmaceutical Laboratories, worldwide.

We pride ourselves on being the only company in our industry that not only has a dedicated sales force but also a fully staffed machine shop and modern manufacturing facility located in Telford, PA. Our products are engineered and manufactured according to the precise specifications of the USP and Original Equipment Manufacturer (OEM).

QLA operates a Quality Management System which complies with the requirements of the ISO 9001 current standard. In addition to our commitment to ISO, we are also fully committed to all applicable regulatory standards, including U.S. Pharmacopeia General Chapters 701, 711, 724, 1092 and others, ASTM E2503 Standard Practice for Qualification of Basket and Paddle Dissolution Apparatus, Calibration tools and services are traceable to N.I.S.T. standards.

- **BASKETS, PADDLES, SHAFTS FOR ALL BRANDS**  
Different mesh sizes, coatings, etc. are available with serial numbers and certificates.
- **CANNULA FILTERS FOR ALL BRANDS**  
Different pore sizes and styles are available with „QLA Pure Quality“ and certificate.
- **VESSELS AND VESSEL COVERS FOR ALL BRANDS**  
Clear glass, amber glass, peak vessels, ultra precise vessels and different volumes are available. All vessels come with serial numbers and certificates.
- **CAPSULE SINKERS**  
Available for all capsule sizes and versions
- **SAMPLING CANNULAS FOR ALL BRANDS**  
Different lengths, stainless steel or peak and different OD´s with the proper cannula stoppers.
- **ALL OTHER KIND OF ACCESSORIES FOR ALL BRANDS**  
Take a look into our QLA product catalogue on our webpage.



Thank you for your attention!  
Do you have any questions?

- Visit our webpage [www.riggtek.com](http://www.riggtek.com) or
- give us a call **Tel.: +49 89 2302469-0** or
- email us to [support@riggtek.com](mailto:support@riggtek.com)

***We are available!***  
your RIGGTEK-Team

