

WHEATON® IN-VITRO DIAGNOSTIC PACKAGING

Primary packaging solutions for IVDkits



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**DURAN
WHEATON
KIMBLE**

Excellence in your hands

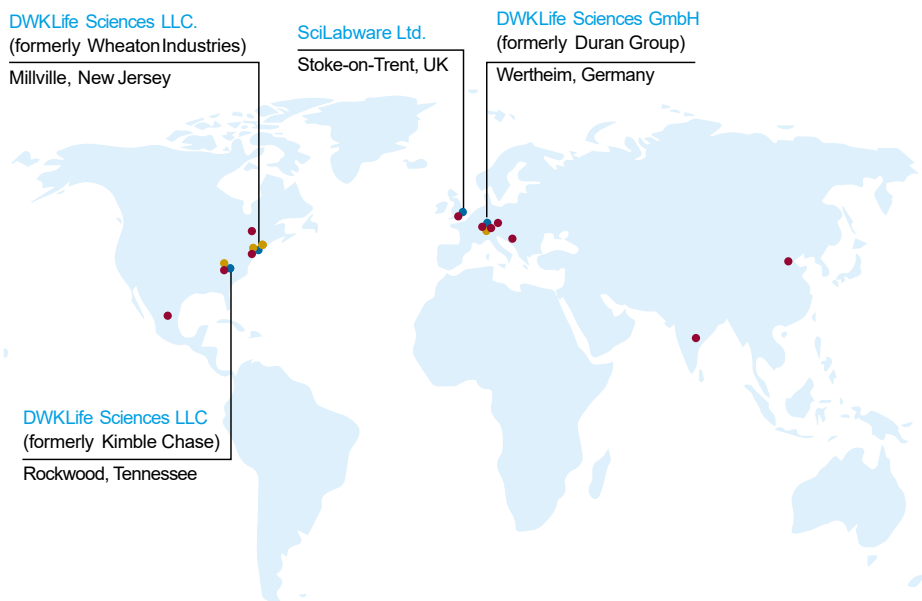
DWKLife Sciences Tubular Glass Vial and Dropper Pipette Custom Manufacturing

DWKLife Sciences have world-class production facilities and years of manufacturing expertise in the manipulation of tubular glass items, with excellent control of varying dimensional specifications.

Accredited to ISO9001 and ISO13485, through our world-class skills and expertise, we produce a wide standard portfolio vials and dropper pipettes. Our global manufacturing sites feature controlled packaging environments in Class 10,000 clean rooms, with specialist post-processing capping and labelling capabilities.

Utilising our extensive manufacturing and development knowledge, our custom projects team can provide bespoke custom solutions to customer specific dimensions (subject to minimum manufacturing quantities), including packaging variations.

When combining our products with our diverse offering of Premium Services, DWKLife Sciences is your single source partner for customised tubular glass products to meet and exceed your primary packaging requirements.



- Headquarters Site
- Manufacturing Site
- Major Distribution Center

DWKLife Sciences also has the manufacturing expertise to custom design vials, tubes, dropper pipettes and assemblies for customers' more bespoke requirements. Premium services can also be applied to our products, including depyrogenation, sterilisation, surface treatments, barcoding and tare weighing, and particulate cleaning, enabling us to take care of all your customers primary packaging needs.



WHEATON®

Diagnostics Vials, Lyophilisation Stoppers and Caps

WHEATON® tubular glass and PET diagnostic vials are manufactured from high quality clear or amber tubular glass or PET, and are designed with a controlled inner bore at the neck of the vial and a freeze dry base. The controlled inner bore ensures an excellent fit with all styles of lyophilisation stoppers, and the specially designed base facilitates their use in freeze dry processes. With three different cap options, from solid top coloured caps, available in either polypropylene or urea, allowing for differentiation of reagents in diagnostic kits, to the WHEATON® I-Loc® closures which feature a unique integrated stopper. DWK Life Sciences can offer excellent primary packaging solutions for all in-vitro diagnostic kit and pharmaceutical requirements.



WHEATON®

Dropper Bottles and Dropper Assemblies

WHEATON® glass dropper bottles and assemblies are manufactured from clear neutral tubular glass and are the perfect primary packaging solution for a range of diagnostic, pharmaceutical and healthcare applications. Made from chemically inert Type 1B neutral glass, the glass dropper bottles and dropper assemblies are suitable for key packaging applications, such as blood grouping reagents and rare grouping sera. Glass dropper bottles are also an advantage for several in vitro diagnostic applications where false positives from plastic dropper bottles may be a concern. The dropper assemblies are manufactured with pharmaceutical grade rubber bulbs and a choice of coloured caps to help differentiate products in kits, and also have a controlled drop size for consistency.



WHEATON®

Dropping Bottles, Tips and Closures

WHEATON® dropping bottles are manufactured from natural, white or black LDPE (Low Density Polyethylene), offering excellent chemical resistance for most biotech, diagnostic, ophthalmic and pharmaceutical primary packaging applications. Bottles are available in sizes ranging from 1ml to 125ml, and offer an excellent alternative to pipetting, or glass dropper bottles and assemblies, with the white and black LDPE bottles helping to protect UV light sensitive samples. The tips and caps are available in eleven different colours allowing for great visual differentiation in kits. LDPE extended controlled dropper tips have a snap fit finish which provides a secure fit to the bottle, and dispense one drop at a time, with an average drop size of $44\mu\text{L} \pm 6\mu\text{L}$, offering a reliable and repeatable uniform drop size. The screw-on closures are made from radiation grade polypropylene and complete the offering. All components are manufactured to rigid ISO and quality standards, and are suitable for EtO and gamma irradiation.



WHEATON®

Leak Resistant Bottles and Closures

WHEATON®leakresistant bottles feature a special non-drip pour lip to allow safe and clean dispensing, and a superior double seal closure to ensure a leak proof seal. Manufactured with a moulded tamper proofing bead for use with a shrink band, available in both narrow neck and wide neck styles in natural and amber HDPE(High Density Polypropylene) and PP (Polypropylene),the range offers great flexibility for both dry and liquid fills. The bottles are available in sizes ranging from 4ml to 1000ml and are suitable for sterilisation by either gas or irradiation making them the ideal primary packaging solution for diagnostic kits and chemicals and storage purposes.



WHEATON®

Serum Vials and Bottles, Stoppers and Seals

WHEATON®serumvials and bottles are excellent for lyophilisation and vaccine/ injectable primary packaging solutions in the IVDdiagnostic and pharmaceutical market, and equally ideal for long term sample storage. Manufactured in clear and amber tubular and moulded glass, sizes range from 2ml upwards. When exceptional wall strength and larger volumes are required, WHEATON®glassserum bottles are excellent for your application. With numerous stopper and seal options available, including off the shelf ready to use depyrogenated,sterile and particulate cleaned offerings from the WHEATON®COMPLETEPAKrange,our products can provide the ideal solution for small batch manufacturing or validation runs, to large scale production.



WHEATON®

Universals and Bijous

WHEATON®andRamboldi®universals and bijous are available in both glass and plastic options to suit your application. Tubular glass options are manufactured from Type III soda glass and are an ideal primary packaging solution for broths and peptone waters. Moulded glass products have a heavy wall and are best suited when added protection is required. Alternatively the Ramboldi®universals and bijous manufactured from either PS (polystyrene) or PP (polypropylene) are an excellent alternative to tubular or moulded glass when your application allows.



Needsterile off the shelf ready-to-use serum vials, rubber stoppers and seals?

Why not choose

WHEATON® COMPLETEPAK

Supplied ready-to-use in one complete kit and certified to European Pharmacopoeia and US Pharmacopoeia

18 months
shelf-life from
date of
processing

Key Benefits

Easy

Supplied ready-to-use
Onesource for total
primary packaging solutions

Efficient

Reduces lead times
Saves processing time
Allows focus on core competencies

Cost and space saving

Eliminates capital investments in
equipment required for cleaning and
preparing product
Frees up valuable clean room space



Enhancing the efficiency of drug discovery and drug compounding



Allowing you to focus on your core competencies

Need something more bespoke?

Choose from our

PREMIUM SERVICES

Key Processes

- Depyrogenation
- Sterilisation
- Barcoding & Tare Weighing
- Particulate Cleaning
- Surface Treatment
- Custom Packaging



In addition to our extensive packaging range, DWKLife Sciences also offer customised Premium Services allowing us to meet your specific needs.

From barcodes and tare weighing to depyrogenation and custom packaging, our goal is to provide the right solution to your daily packaging challenges.



DWK Life Sciences
Represented by SciLabware



SciLabware is a company of **DWK Life Sciences**

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