



BÜRKLE MAGAZINE

Dipping Bottles in use Sampling liquid petrochemicals with Dipping Bottles

Dipping containers are used in various areas to collect liquids for sampling.

Liquid petrochemicals are very versatile and are used in many different areas of industry. They are components of a huge range of products – ranging from fuels to detergents and to plastics. Due to their chemical and specific properties, most of the petrochemicals and the petrochemical derivatives are classified as hazardous under the

Hazardous Substances Ordinance.

Therefore, working with these liquids always represents a certain risk: They are highly flammable and can lead to explosions or fires. In addition, these chemicals are often toxic and can harm the users and the environment. A responsible handling and appropriate protective measures must always be observed when working with petrochemicals - from usage to transport to storage.

Even sampling can be a risk: The user can come in contact with the hazardous medium by spilling or splashing. Besides, there is the danger of electrostatic charge during sampling. And in many cases, the samples have to be taken from great depths, because the chemicals are often stored in tanks or shafts.



Sampling of hazardous liquids

Dipping Bottles are a reliable solution for the safe sampling of liquid petrochemicals. Bürkle offers a large selection of Dipping Bottles that are specially designed to collect samples of hazardous liquids. Depending on the version, the different Dipping Bottles can be used for point sampling, all-layer sampling and bottom sampling. For sampling, the Dipping Bottles are lowered into the liquid by using a manually-operated reel and a lowering cable.

Manually-operated reel Ex with grounding cable

Dipping vessel for taking all-layer samples from tanks, tank wagons, water courses, water purification plants.



The lowering by a manually-operated reel allows flexible applications and a safe handling. The closed construction of the Dipping Bottles prevents spillage or splashing of the hazardous liquid – this protects the user and the environment.



The Dipping Bottles are made of non-spark producing brass or stainless steel. In combination with an electrically conductive drum reel and a suitable lowering cable from Bürkle the danger of ignition due to accumulation of electrostatic charge is excluded.

Dipping bottles are perfect for sampling in narrow places where access is difficult. They can also be used in curved dipping tubes and barrels with narrow opening. With the long lowering cables from Bürkle it is also ideal for extracting samples from great depths up to 50 meters.

The different Dipping Bottles are suitable for a variety of applications and ensures easy and safe sampling of liquid petrochemicals.

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