

INTRODUCTION

KLEENTEK: Dehydration Unit (“DH-xKS series”) is a standard filtration system by KLEENTEK Corporation., Japan used for the removal of the oil oxidation product, varnish, and other insoluble solid contaminant from hydraulic lubrication system, where the fluid of concern is not suitable to be charged by electrostatic charged principle.

PRODUCT DESCRIPTION

KLEENTEK: Dehydration Unit (“DH-xKS series”) is a latest variant of filtration system from KLEENTEK Corporation, Japan that remove varnish, oil oxidation product and insoluble solid contaminant from lubricant, hydraulic fluid where electrostatic principle cannot be applied, due to the conductivity nature of the fluid.

PRODUCT HIGHLIGHTS

The primary advantage of this range of product over the KLEENTEK: Dehydration Unit (“DH-xKS series”) is that this product can be applied in application where the water ingress into the system is continuous.

PRODUCT FEATURE

The product feature of KLEENTEK: Dehydration Unit (“DH-xKS series”) is as follow:

1. **System that is heavily contamination with water** – this product is suitable for removal of water contamination that has been heavily contaminated with water, where water contamination is >2,000ppm, and the ingress is continuous.
2. **Remove contaminant via filtration principle** – remove solid and insoluble contaminant in fluid that are not suitable for use in application where electrostatic charged principle cannot be applied.
3. **Pressure gauge** – indicator used to indicate the projected lifespan of the dehydration element.
4. **KLEENTEK’s patented pump flow rate** – patented designed flow ensuring that the primary issue of spark discharges is eliminated and mitigated.

PRODUCT APPLICATION

KLEENTEK: Dehydration Unit (“DH-xKS series”) is used in system where the water ingress is continuous and the water contamination level is more than 2,000ppm. DH-xKS series have the abilities to reduce the level of water contamination from 2,000ppm to less than 1,000ppm.

KLEENTEK: Dehydration Unit (“DH-xKS series”) is applied in application such as the lubricating oil of vacuum pumps.

ASSOCIATE CONSUMABLE

The associate consumable for this range of products are as follows:

- **K-50, Filter** – ability to break down water emulsion and agglomerates the water
- **S2-25, Element** – ability to form a water curtain and remove the water from the oil system.

Please consult your local/regional representative on the correct selection of filter. For more details and information on

the exact specification of the associate consumable, please visit <https://www.focusmachinery.com.sg/consumable>.

For more information on the usage and application of KLEENTEK: Dehydration Unit (“DH-xKS series”) Unit, please visit: <https://www.focusmachinery.com.sg/dh-series>.

SHIPMENT SPECIFICATION:

Harmonized System (HS) Code: 8421 23 0005

TECHNICAL SPECIFICATION

The technical specification of the KLEENTEK: Dehydration Unit (“DH-xKS series”) is as follows:

<u>Item</u>	<u>Dim</u>	<u>Weight</u>	<u>Power</u>	<u>Lead Time (Weeks)</u>
DH-xKS	200 x 300 x 640	26.5	1P/240V/50Hz	14
DH-xKS	200 x 300 x 980	26.5	1P/240V/50Hz	14

PHOTO OF EQUIPMENT



TECHNICAL LIMITATION

For this KLEENTEK’s technology to work effectively, the level of water contamination in the system must be < 500 parts per million (“ppm”), order to prevent the electric field formed by the high-voltage transformer from tripping.

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