

## **INTRODUCTION**

KLEENTEK: Electrostatic Oil Cleaner, EOC-RxxTP is a standard Electrostatic Oil Cleaner by KLEENTEK Corporation., Japan used for the removal of the oil oxidation product, varnish, and other insoluble solid contaminant from hydraulic lubrication system.

At the present moment, there are two (“2”) variant – SP/TP series under KLEENTEK’s range of product. SP series belong to the classic variant of KLEENTEK: Electrostatic Oil Cleaner.

## **PRODUCT DESCRIPTION**

KLEENTEK: Electrostatic Oil Cleaner, EOC-RxxTP is a latest variant of electrostatic oil cleaner from KLEENTEK Corporation that implement KLEENTEK’s technology for removing varnish, oil oxidation products and insoluble solid contaminant from hydraulic, circuit/lubricating oil, gear, thermal, transformer and mineral cutting fluid and compressor oil without causing damages to the oil molecular structure due to discharge of electrostatic charges due to the formation of static electricity build up at the filter mechanism.

## **PRODUCT HIGHLIGHTS**

Some of the product highlights of EOC-RxxTP series includes:-

1. **15kV Potential Charges** – Higher Voltage Transformer (HVT) capacity for higher and faster rate of cleaning – enable the cleaning of fluid that belongs to the higher viscosity index group.
2. **All-New Digital Display together with Electronics** – enabling high voltage tripping correction in the present of water contamination – up to 4x within 24 hours before the high-voltage alarm when off.

## **PRODUCT FEATURE**

Being the predecessor to the original KLEENTEK: Electrostatic Oil Cleaner, EOC-RxxSP/A, the all new KLEENTEK: Electrostatic Oil Cleaner, EOC-RxxTP Series has the following benefits:

1. **Sampling Valve/Tap** – improving the user ease of fluid sampling for laboratory analysis
2. **Flexible Stainless Hose Connector** – improve the ease of changing out the component
3. **Digital Touch Screen Interface** – improve user interactivity, and error clearing
4. **Propeller Flow Indicator** – provide visual indicator for the user to know the movement of the fluid
5. **Collector Holder Stopper** – provide constant and consistent pressure to hold the cartridge collector in place.

## **PRODUCT APPLICATION**

KLEENTEK: Electrostatic Oil Cleaner, EOC-RxxTP Series is an enhanced consumable to be used in parallel with KLEENTEK: Electrostatic Oil Cleaner (“EOC”) for cleaning of fluid that contain metallic powder in nature.

For more information on the usage and application of KLEENTEK: Electrostatic Oil Cleaner (“EOC”) Unit, please visit:

<https://www.focusmachinery.com.sg/tp-series>.

## **SHIPMENT SPECIFICATION:**

Harmonized System (HS) Code: 8421 23 0005

## **TECHNICAL SPECIFICATION**

The technical specification of the KLEENTEK: Electrostatic Oil Cleaner, EOC-RxxTP series is as follows:

<u>Item</u>	<u>Dim length x width x height (mm)</u>	<u>Weight</u>	<u>Lead Time (weeks)</u>
EOC-R25TP	701 x 366 x 959	70kg	14
EOC-R50TP	738 x 453 x 1,104	100kg	14
EOC-R100TP	1084 x 468 x 1,087	160kg	14
EOC-R200TP	1,110 x 867 x 1,164	300kg	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 (HVT) from tripping.

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