

WIPED FILM DISTILLATION KDT - 6 SERIES

EU-GMP COMPLIANT

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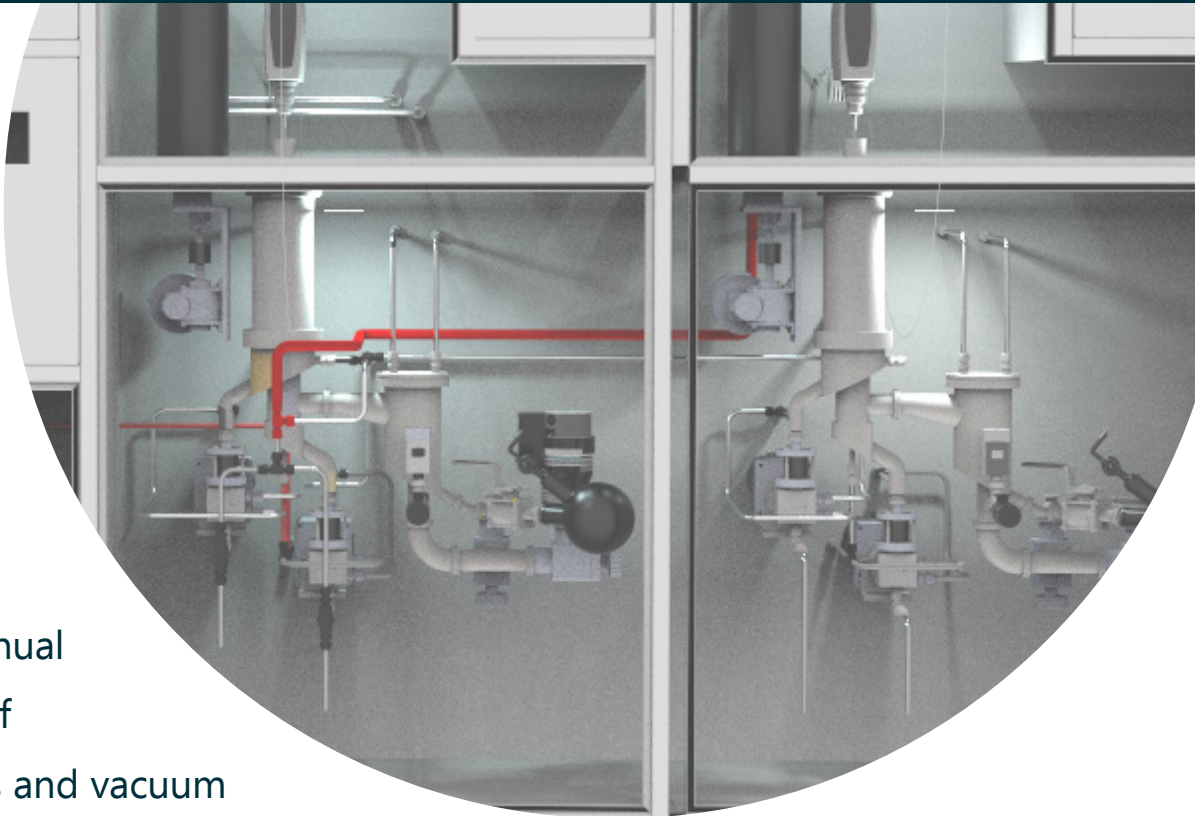
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WIPED FILM DISTILLATION KDT - 6 SERIES



CTS, one of the direct heirs of Leybold's WFD technology, the original manufacturer of WFD systems in the 60s of last century, is recognized for having the most efficient WFD systems in the market and provides the WFD core of Paralab's KDT-6 series units.



HMI SIMPLE INTERFACE

- No more manual adjustment of temperatures and vacuum levels in each controller. All control parameters in a single place with an intuitive interface.
- Save methods for later use
- Optional automatic operation

EXPANDABLE FROM 1 TO 2 STAGES

- At any moment you may easily expand to a second stage

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- All enclosed design for easy and efficient cleaning
- Negative pressure in the TCU and vacuum pumps cabinets to prevent contamination of external area with technical oils mist.
- Control software compliant with 21 CFR part 11 and EudraLex's Volume 4 Anex 11

SPECIFICATIONS

FEATURES	SINGLE STAGE	DOUBLE STAGE
DIMENSIONS (W x D x H) (mm x mm x mm)	2348 x 930 x 2043	3365 x 930 x 2043
FEED SYSTEM	<ul style="list-style-type: none"> · 2 Litre Hot Oil Heated Feed Tank · Feed Metering with gear pump · Hot Oil Traced Support Plate · Optional 5-litre Feed Tank 	<ul style="list-style-type: none"> · 2 Litre Hot Oil Heated Feed Tank · Feed Metering with gear pump · Hot Oil Traced Support Plate · Optional 5-litre Feed Tank
EVAPORATOR	<ul style="list-style-type: none"> · 316 Stainless Steel · 0.060 Sq. Meter Surface Area · Estimated Process Rate 3.00 litre/hour* 	<ul style="list-style-type: none"> · 316 Stainless Steel · 0.060 Sq. Meter Surface Area · Estimated Process Rate 3 litre/hour*
CIRCULATORS	<ul style="list-style-type: none"> · Evaporator Circulator; 25-300°C · Condenser Circulator; -40-200°C · Cold Trap Circulator; -40-200°C · Residue Circulator; 0-250°C · Feed Circulator; 0-250°C 	<ul style="list-style-type: none"> · Evaporator Circulator; 25-300°C · Condenser Circulator; -40-200°C · Cold Trap Circulator; -40-200°C · Residue Circulator; 0-250°C · Feed Circulator; 0-250°C
SAMPLE COLLECTION	<ul style="list-style-type: none"> · 2 Litre Hot Oil Heated Feed Tank · Feed Metering with gear pump · Hot Oil Traced Support Plate · Optional 5-litre Feed Tank · 6-Position Carousel · Optional 2-litre or 5-litre Receiving Flask 	<ul style="list-style-type: none"> · 2 Litre Hot Oil Heated Feed Tank · Feed Metering with gear pump · Hot Oil Traced Support Plate · Optional 5-litre Feed Tank · 6-Position Carousel · Optional 2-litre or 5-litre Receiving Flask
VACUUM SYSTEM	<ul style="list-style-type: none"> · Backing Rotary Vane Pump 8 M3/hour · Turbomolecular Pump 90 L/sec 	<ul style="list-style-type: none"> · 2x Backing Rotary Vane Pump 8 M3/hour · 2x Turbomolecular Pump 90 L/sec
POWER	<ul style="list-style-type: none"> · Electrical Load: 400V 3 ph 35 amp 	<ul style="list-style-type: none"> · Electrical Load: 400 V 3 ph 60 amp



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