

Contamination Test Module - Extraction Box

CTU-EB

TCM

TCM-FC

CSI-C-11

HY-TRAX®

RBSA

TIM

TSU

TMU

FCU 1000 Series

TPM

TMS

TWS-C/D

SMU

CTU

EPK

Trouble

Check Plus

HMG2500

HMG4000

ET-100-6

HTB

RFSA

HFS-BC

MFD-BC

MFS, MFD

HY-TRAX®
Retrofit System

MFD-MV

MFS-HV

AMS, AMD

FS

AMFS

KLS, KLD

MCO

AKS, AKD

LSN, LSA, LSW

X Series

KLC

MTS

OLF-P

NxTM

IXU

Triton-A

Triton-E

SVD01

SVD

OXS

Appendix



Features and Benefits

- Reduction in costs as a result of fewer production failures
- Identification and elimination of weak process steps
- Reduction in start-up breakdowns
- Optimization of internal and external processes
- Documentation of the technical cleanliness of components

Applications

- Automotive and supplier industry
- Transmission and engine builders
- Mobile hydraulics
- Manufacture of hydraulic & lubrication system components
- Aircraft industry

The Contamination Test Module CTM is a module system designed to analyze the technical cleanliness of components. Particle contamination is removed from the surface of the component, samples are taken from the washing fluid and are subsequently analyzed using membranes.

The extraction module CTM-EB is designed for spray extraction in conjunction with the CTM-SC.

Description

Specifications

Overall Dimensions: (height x width x length)
 EB1200: min. 59" ... max. 68.9"x47.2"x35.4" (min. 1.50 ... max. 1.75 x 1.20 x 0.90 m)
 EB1400: min. 59" ... max. 68.9"x72.8"x35.4" (min. 1.50 ... max. 1.75 x 1.85 x 0.90 m)
 EB1600: min. 61" ... max. 70.9"x43.3"x35.4" (min. 1.55 ... max. 1.80 x 1.10 x 0.90 m)
 EB2000: min. 66.9" ... max. 76.8"x55.1"x43.3" (min. 1.70 ... max. 1.95 x 1.40 x 1.10 m)

Housing Material: S235JR powder-coated

Ambient Temperature: 59° to 82°F (15° to 28°C)

Working Height Adjustment: Electrical

Weight When Empty:
 CTM-EB 12xx: 440lbs. (~200 kg)
 CTM-EB 14xx: 529lbs. (~240 kg)
 CTM-EB 16xx: 485lbs. (~220 kg)
 CTM-EB 18xx: 485lbs. (~220 kg)
 CTM-EB 20xx: 573lbs. (~260 kg)
 CTM-EB 46xx: 617lbs. (~280 kg)

Coupling Connection: CPC Coupling

Filtration of Analysis Unit: Fine filtration to ISO4406 min. ISO 12/9

Filter Size: 3x MEF1-E/1, 1 µm

Extraction Cabinet (clean box)

Material of Clean Box: Polished stainless steel 1.4301

Maximum Load Capacity:
 EB1200: 69 lb (31.5 kg)*
 EB1210: 220 lb (100 kg)
 EB1400: 220 lb (100 kg)*
 EB1410: 331 lb (150 kg)
 EB1600: 220 lb (100 kg)*
 EB1610: 331 lb (150 kg)
 EB1800: 331 lb (150 kg)*
 EB1810: 331 lb (150 kg)
 EB2000: 220 lb (100 kg)*
 EB2010: 331 lb (150 kg)
 EB4600: 364 lb (165 kg)*
 EB4610: 331 lb (150 kg)
 *for evenly distributed load, no point load

Opening of Cover: Electrical

Membrane Holder: For ø1.85" (ø47 mm) filter membranes

Electrical Data

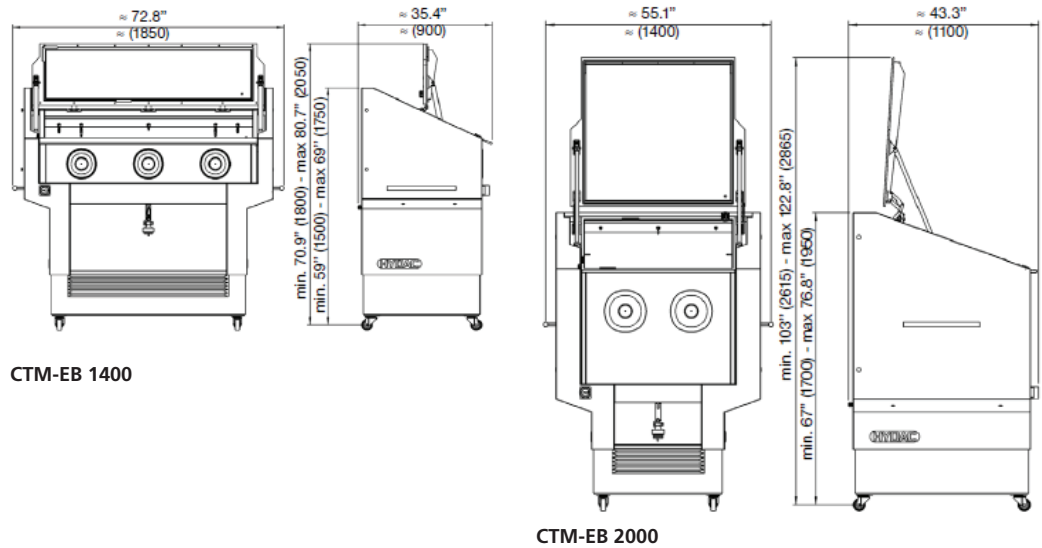
Supply Voltage: According to order

Power Consumption: 400 Watt

Protection Class to DIN 40050: IP 54

Contamination Test Module - Extraction Box **CTM-EB**

Dimensions



Metric dimensions in ().

Model Number Selection

How to Build a Valid Model Number for a Schroeder CTM:

BOX 1 BOX 2 BOX 3 BOX 4 BOX 5 BOX 6 BOX 7 BOX 8 BOX 9

CTM [] [] [] [] [] [] [] []

Example: NOTE: One option per box

BOX 1 BOX 2 BOX 3 BOX 4 BOX 5 BOX 6 BOX 7 BOX 8 BOX 9

CTM EB 12 0 0 M Z Z - CTMEB1200-M-Z-Z/-

BOX 1	BOX 2	BOX 3	BOX 4
Series	Model	Dimensions of Analysis Cabinet	Execution of Load
CTM	EB = Extraction Box	12 = 18.5" (470 mm) x 30.3" (770 mm) x 25.6" (650 mm) 14 = 15.7" (400 mm) x 55.1" (1400 mm) x 15.7" (400 mm) 16 = 28.0" (710 mm) x 27.6" (700 mm) x 24.4" (620 mm) 20 = 33.9" (860 mm) x 35.4" (900 mm) x 35.4" (900 mm) 46 = 22.4" (570 mm) x 69.7" (1770 mm) x 25.6" (650 mm)	0 = Standard 1 = Heavy

BOX 5
Analysis Fluid
0 = Solvent A III Class (Flashpoint > 60°C, lower explosion limit > 0.6 Vol.%)
1 = Water with surfactants, admissible pH-range 6 to 10, no deionized / demineralized water

BOX 6
Supply Voltage
K = 120 V AC / 60Hz / 1 Phase USA / CDN
M = 230 V AC / 50Hz / 1 Phase Europe
N = 240 V AC / 50Hz / 1 Phase UK

BOX 7	BOX 8
Extraction Method	Modifications
Z = Spray, medium pressure	- = Without modifications

- Items Supplied
- CTM-EB
 - Operating and maintenance instructions

Consult Factory for special options.
Not all combinations available.