

RECOVERY EQUIPMENT

A1 / A2L / A2 / A3

REFRIGERANT READY

Handle

CERTIFIED

CPS PRODUCTS

A3

HP Gauge

IEC Inlet



Air Intake

OUT Port

LP Gauge

IN Port

Power Switch

Air Outlet



II 3 G Ex ec ic nC h IIA T4 Gc

Pro-Set®

TRS500EX

RECOVERY UNIT

POWERFUL RECOVERY, PRECISION ENGINEERED

PRO-SET® IGNITION PROOF REFRIGERANT RECOVERY MACHINE FOR CLASS A1, A2, A2L, A3 REFRIGERANTS PLUS ATEX APPROVED

BENEFITS

- Equipped with a BLDC motor and an innovative wobble piston design.
- Smooth, efficient operation with no 50 Hz/60 Hz degradation, ensuring consistent performance across frequencies.
- Weight < 10 kg/110-240V 50/60 Hz.
- Weighing just 21 lbs/9.53 kg, the TRS500EX offers purge possibility.
- With dual voltage capabilities (110-240V), sealed crank and start relay designs.
- Robust one-piston compressor, the TRS500EX is built for versatility, durability, and safety in any recovery situation.
- ANSI 12.12.01 ignition-proof standards.



cps®

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SPECIFICATIONS

Model #	TRS500E
Refrigerants	R12, R134a, R401C, R406A, R500, R22, R401A/B, R402B, R407C/D/E/F, R408A, R409A, R411A/B, R412A, R502, R509A, R402A, R404A, R407A/B, R410A/B, R507A, R290 & R600
Power Supply	115/230 VAC 50/60Hz
Motor Power	3/4 HP
Motor Type	Variable Speed Brushless DC, 1800-2300 RPM
Maximum Current	8.0 AMPS
Compressor Type	1 Cylinder Oil-less Reciprocating, Air Cooled
High Pressure Cutout	38 bar
Operating Temperature Range	0C to 50C
Dimensions	1349.25 mm x 222.25 mm x 298.45 mm
Weight	10.0 kg
Product Markings	 II 3 G Ex ec ic nC h IIA T4 Gc

ARH1740-2016 Performance Data certified by UL

Refrigerant	Direct Vapor	Direct Liquid	Push - Pull Liquid
R410a	.264 lb/min	7.72 lb/min	20.95 lb/min
	(0.12 kg/ min)	(3.50 kg/ min)	(9.50 kg/ min)
R134a	.286 lb/min	6.60 lb/min	17.64 lb/min
	(0.13 kg/ min)	(3.00 kg/ min)	(8.00 kg/ min)

PACKAGING SPECIFICATIONS

Model #	Pkg Size (H x W x L), Centimeters (cm)	Product + Pkg Weight, (Kg)	Product Qty Per Pkg
TRS500EX	36 (H) x 29 (W) x 37 (L)	12.6 Kg	1

EFFICIENT RECOVERY EVERYWHERE (ENG)

Pro-Set® TRS500EX Refrigerant Recovery Machine: high-performance results with safe refrigerant recovery.

The Pro-Set® TRS500EX is a versatile refrigerant recovery machine for Class A1, A2, A2L, and A3 refrigerants that is ATEX approved and meets stringent ANSI 12.12.01 ignition-proof standards. Designed for efficiency it incorporates dual voltage capability, a Brushless DC motor and wobble piston design to provide smooth operation with no 50Hz degradation. Weighing under 10kg, the TRS500EX is easy to manage in virtually any recovery situation.

RÉCUPÉRATION EFFICACE PARTOUT (FR)

Récupérateur de fluide frigorigène Pro-Set® TRS500EX: des résultats performants et une récupération sûre.

Le Pro-Set® TRS500EX est un récupérateur de fluide frigorigène polyvalent pour les fluides frigorigènes de classes A1, A2, A2L et A3. Il est homologué ATEX et répond aux normes strictes de résistance à l'inflammation ANSI 12.12.01. Conçu pour une efficacité optimale, il intègre une double tension, un moteur CC sans balais et un piston oscillant pour un fonctionnement fluide et sans dégradation à 50 Hz. Pesant moins de 10 kg, le TRS500EX est facile à utiliser dans pratiquement toutes les situations de récupération.

JEDERZEIT EFFIZIENT ABSAUGEN (DE)

Pro-Set® TRS500EX Kältemittel-Absaugstation: Leistungsstark und sicher im täglichen Einsatz..

Die Pro-Set® TRS500EX ist eine vielseitig einsetzbare Kältemittel-Absaugstation für die Kältemittelklassen A1, A2, A2L und A3. Das Gerät besitzt eine ATEX-Zulassung und erfüllt die strengen Explosionsschutz-Anforderungen nach ANSI 12.12.01. Sie ist konsequent auf maximale Effizienz ausgelegt: Ausgestattet mit einer umschaltbaren Spannungsversorgung (Dual Voltage), einem bürstenlosen Gleichstrommotor (BLDC) und einem robusten Taumelkolben-Verdichter, garantiert sie einen reibungslosen, konstanten Absaugprozess ohne leistungsabfallende Einbußen bei 50 Hz. Mit einem Gewicht von unter 10 kg ist die TRS500EX extrem kompakt und bei jedem Serviceeinsatz flexibel und einfach zu handhaben.