

#### Standard Field Package (in addition to the Myrkos Instrument)

Carrying case	All-in-one ruggedized carrying case Made of high performance HDPE Press and pull latches, paddlockable Rugged in-line wheels and telescopic handle Rain, immersion and vibration proof 795 x 518 x 310 mm (31.3 x 20.4 x 12.2 in)
Li-ion rechargeable battery	24 VDC operation 7 hours autonomy on Myrkos No memory effect 1.4 kg (3.1 lbs) Cycle life > 300 cycles LCD state of charge indicator Includes a charge control module with a universal power adaptor Includes the battery to Myrkos power cable
Miniature portable controller	10.1 in. screen size 6-cell Li-ion battery, 10.5 hours autonomy Preloaded with PPMReport 3, support documentation and the instrument method file Back-up files on a supplied SD card 1.5-foot RJ45 crossover patch cable
Carrier gas module (helium 99.999% min.)	42 hours of helium autonomy Built-in quick port for O <sub>2</sub> -N <sub>2</sub> measurements Removable for easier offsite refill
Shake Test <sup>®</sup> syringe carrying case (for 2)	For 2 fully extended Shake Test <sup>®</sup> syringes Fits inside the Myrkos carrying case Includes the squirt kit and one CO <sub>2</sub> trap Contains a laminated Oil Sampling Instruction
Shake Test <sup>®</sup> syringe carrying case (for 6)	For 6 fully extended Shake Test <sup>®</sup> syringes Protects the syringes against drops and shocks
High pressure filling line	Necessary connection kit to refill the carrier gas module (with CGA 580) Safety relief valve preset at 1,800 psig
Other accessories	Shake Test <sup>®</sup> syringe holder support 5 additional Shake Test <sup>®</sup> syringes 3 additional oil trap bags (25/bag) Setup and Operation guide
<b>Operation</b>	
Setup	Intuitive and ergonomic design Ready to use workstation Large plateau for convenient operation with the Miniature portable controller
Instrument protection	Includes a lid stay to prevent unintended closing during operation Manual reset over-temperature protection
Weight	27.8 kg (61.5 lbs)

Standard Lab Package (in addition to the Myrkos Instrument)	
Syringe shaker	Automated Shake Test® sample extraction Safe syringe clip-on installation Holds up to three Shake Test® syringes One-button 2-minute operation with automatic stop 110/220 VAC 50/60 Hz
O2-N2 measurement bench top kit	Built-in ergonomic extraction gas port with shutoff valve 4-foot 1/8 copper connection line with brass tee
Shake Test® syringe carrying case (for 6)	For 6 fully extended Shake Test® syringes Protects the syringes against drops and shocks
Two-stage helium pressure regulator	CGA 580 connection High pressure output stability (preset to 80 psig) 4-foot 1/8 copper connection line with one-way valve
Other accessories	5 additional Shake Test® syringes 3 additional oil trap bags (25/bag)
Options and Accessories	
Shake Test® syringe	Method compliant to ASTM D3612-02 and described in IEC 60567 standard 100 cc, individually serialized
12 VDC/120 VAC vehicle inverter	Pure sine, 300 W Connects to standard vehicle 12 VDC source
On-site training session	1-day on-site training session offered by Morgan Schaffer's qualified personnel
Extended warranty	Extended warranties from 3 to 5 years available
Consumables	
NIST traceable CALGAS cylinder (500 cc), suitable for 200 calibrations	
Bag of oil traps (25/bag)	
Spare Parts	
Li-ion rechargeable battery (Field Package only)	
Support for the Shake Test® syringe holder (Field Package only)	
Battery charger w/universal AC adaptor (Field Package only)	
Gas tight glass syringe (10 cc)	
CO <sub>2</sub> trap for air run	
CO <sub>2</sub> trap for Shake Test®	
3-way valve stopcock (20/bag)	

8300 Saint-Patrick, Suite 150 Tel.: +001 514.739.1967  
LaSalle, Quebec Fax: +011 514.739.0434  
Canada H8N 2H1 e-mail: sales@morganschaffer.com

Visit our website: [www.morganschaffer.com](http://www.morganschaffer.com)

Morgan Schaffer is ISO/IEC 17025:2005 accredited by the Canadian Standards Council for all its oil testing activities.

Morgan Schaffer is also certified ISO 9001:2008

