



CMS5000

Monitoring System

IPN dile54a1



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Due to our continuing program of product improvements, photographs and specifications are subject to change without notice.



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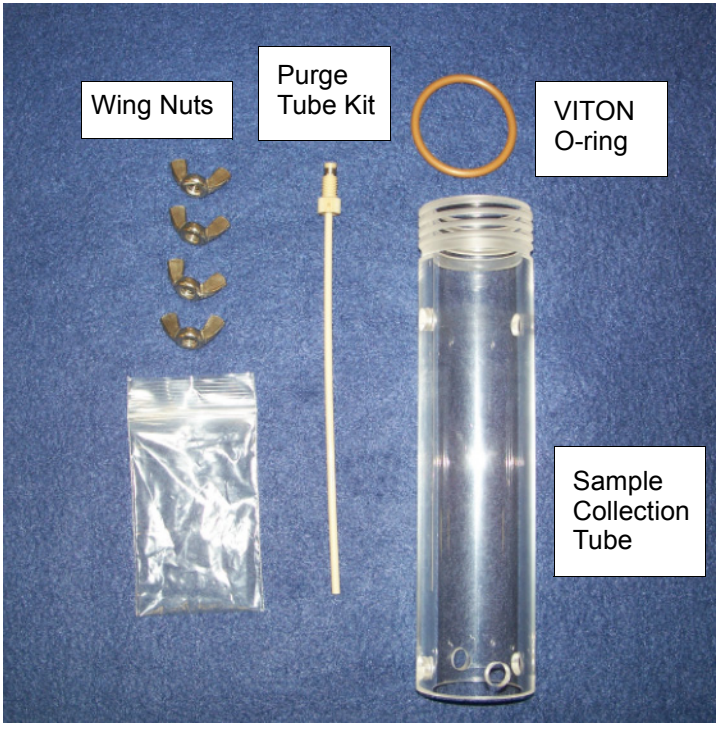
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Chapter 1

CMS5000 Analytical Unit Configurations

1.1 Analytical Unit Configurations

Part Number	Photograph
<p>935-700-G1 Water Sampling Kit, No Vessel (Includes: Wing Nuts (4), Purge Tube Kit, VITON O-ring, and Sample Collection Tube)</p>	 <p>The photograph shows the components of the Water Sampling Kit (935-700-G1) laid out on a blue background. From left to right: a clear plastic bag containing four wing nuts; a single wing nut; a long, thin, yellowish purge tube with a connector at the top; a yellowish VITON O-ring; and a clear, cylindrical sample collection tube with a threaded top. Labels with white boxes and black text identify each component: 'Wing Nuts', 'Purge Tube Kit', 'VITON O-ring', and 'Sample Collection Tube'.</p>

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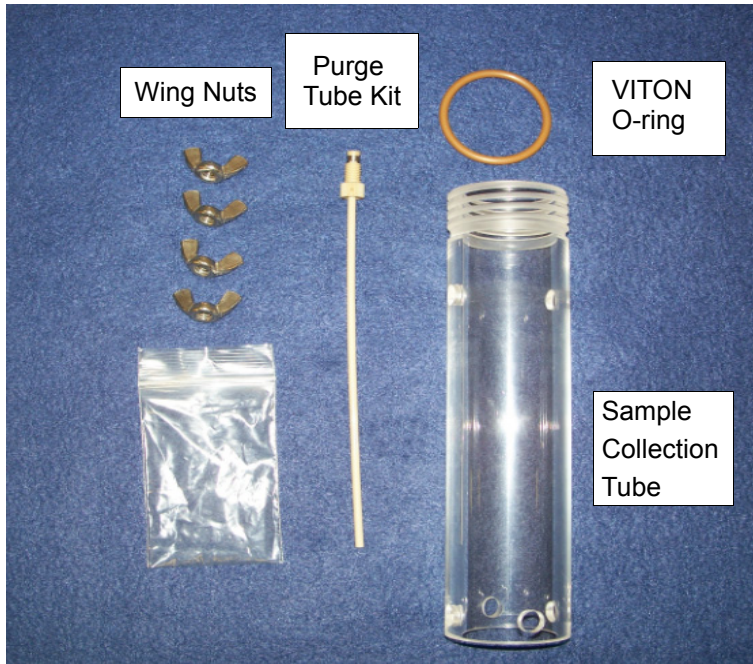
Part Number

Photograph

935-700-G3

Water Sampling Kit with Calibration and Sampling Vessels


(Includes: Vessels, Wing Nuts (4), Purge Tube Kit, VITON O-ring, and Sample Collection Tube)



Sampling Vessel




Calibration Vessel

Part Number	Photograph
<p>935-701-G1 Air Sampling Tube (Includes O-ring, not shown)</p>	

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Chapter 2 CMS5000 Spare Parts

2.1 Sampling Vessels / Tubes

Part Number	Photograph
<p>935-301-P3 Water Calibration Vessel (Wing nuts not included; to be used with Wing Nut Kit, IPN 935-732-G1)</p>	

IPN d1e54a1

Part Number	Photograph
<p>935-383-P1 Water Sampling Vessel (Standard) (Includes plugs. Wing nuts not included; to be used with Wing Nut Kit, IPN 935-732-G1)</p>	
<p>935-701-G1 Air Sampling Tube (Includes O-ring, not shown)</p>	


IPN d1e54a1

2.2 Power Supplies

Part Number	Photograph
<p>930-469-P1 110 V (ac)- 24 V (dc) Power Supply (USA)</p>	
<p>930-469-P2 230 V (ac) - 24 V (dc) Power Supply (Europe)</p>	
<p>930-469-G3 230 V (ac) - 24 V (dc) Power Supply (UK)</p>	
<p>930-469-G4 230 V (ac) - 24 V (dc) Power Supply (Australia / China)</p>	

USA version shown.

2.3 Network Cable



Part Number	Photograph
<p>600-1319-P2 Ethernet Crossover Cable, 12' (Used to connect CMS5000 directly to a laptop)</p>	

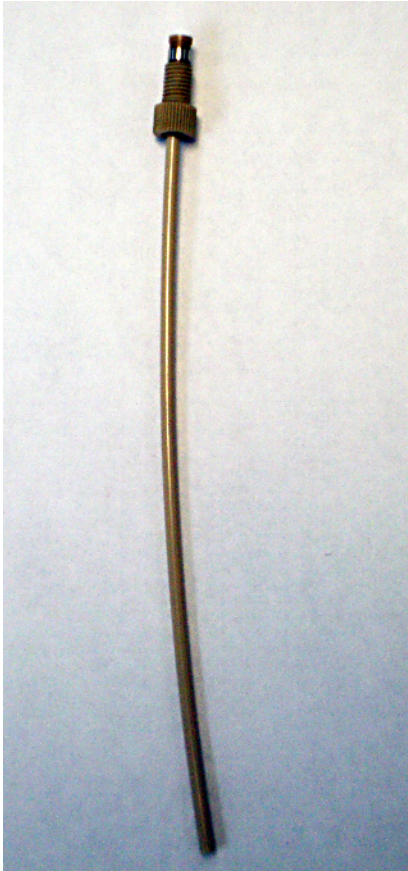
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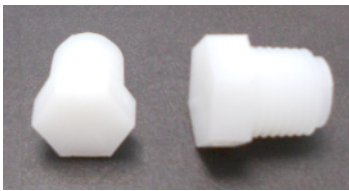
2.4 Technical Documentation

Part Number	Photograph
<p>074-5021-G1 CMS5000 Operator Manual CD</p>	 <p>The photograph shows an open jewel case containing a black CD-ROM on the left. To the right is the CD-ROM itself, which has a white and blue design. The text on the CD includes 'CMS 5000 Monitoring System', 'Operating Manual', 'INFICON Part # 074-5021-G1-B', and the INFICON logo with the tagline 'Opening The Field To New Ideas™'. A small image of a handheld device is also visible on the CD's surface.</p>
<p>074-5020-G1 CMS5000 Training CD</p>	 <p>The photograph shows an open jewel case containing a black CD-ROM on the left. To the right is the CD-ROM itself, which has a white and blue design. The text on the CD includes 'CMS 5000 Monitoring System', 'Operator Training', 'INFICON Part # 074-5020-G1-A', 'V1.0', and the INFICON logo with the tagline 'Opening The Field To New Ideas™'. A small image of a handheld device is also visible on the CD's surface.</p>

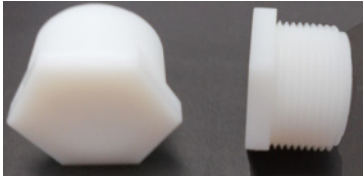


2.5 Miscellaneous Parts

Part Number	Photograph
<p>935-752-G1 Air Sampling Adapter (To be used with 1 L Sample Bags, IPN 070-1686)</p>	
<p>059-0329 Quick Disconnect Stem</p>	

Part Number	Photograph
935-734-G1 Purge Tube Kit (For water sampling only)	

Part Number	Photograph
<p>935-375-P1 Sample Collection Tube (For water sampling only)</p>	
<p>935-732-G1 Wing Nut Kit Pack of 4 (For securing water vessels)</p>	
<p>059-0647 Water Sampling Vessel Plug, 1/4" 1 each (two views shown) (For use with standard water vessel, 1 required)</p>	

IPN d1e54a1

Part Number	Photograph
<p>059-0648 Water Sampling Vessel Plug, 1 1/4" 1 each (two views shown) (For use with standard water vessel, 2 required)</p>	
<p>935-412-P1 2-Stage Gas Regulator with CGA 580 Fitting (Pre-set to 90 psi, quick connect outlet included) (Argon fill line shown is not included; to be used with Argon Fill Line, IPN 935-212-G1)</p>	
<p>935-415-P1 CMS5000 Stand (Shown assembled)</p>	 <p data-bbox="748 1356 1182 1388">Model may vary from version shown.</p>

IPN d1e54a1

Part Number

Photograph

935-212-G1
Argon Fill Line,
Copper 10'
(Quick-connect
fittings included)




IPN dife54a1


2.6 Software

Part Number	Photograph
<p>935-030-G1 CMS IQ Software CD (Also available for download online at www.inficon.com)</p>	 A photograph showing an open jewel case on the left containing a dark CD. To the right is the CD itself, which has a white and blue design. The text on the CD includes "CMS 5000 Monitoring System with CMS IQ SOFTWARE", "INFICON Part # 935-030-G1", "CMS5000 V1.06.002", "CMS IQ (for PC: V1.04.002)", and the INFICON logo with the tagline "Powering The Field To New Ideas".
<p>935-031-G1 Modbus Protocol (For use with CMS5000 system integration)</p>	 A photograph showing an open jewel case on the left containing a dark CD. To the right is the CD itself, which has a white and blue design. The text on the CD includes "CMS 5000 Monitoring System Operating Manual", "INFICON Part # 935-031-G1-B", and the INFICON logo with the tagline "Powering The Field To New Ideas".

2.7 Replacement Laptops

Part Number	Photograph
<p>935-731-G1 Laptop w/ CMS IQ software (software CD included) (USA)</p>	
<p>935-731-G2 Laptop w/ CMS IQ software (software CD included) (Europe)</p>	
<p>935-731-G3 Laptop w/ CMS IQ software (software CD included) (UK)</p>	
<p>935-731-G4 Laptop w/ CMS IQ software (software CD included) (Australia/China)</p>	
<p>Model may vary from the version shown.</p>	

2.8 Columns

Part Number	Photograph
<p>930-489-G14 Standard GC Column Module, DB-1, 30 m, 0.32 mm ID, 4.0 μm df (or equivalent) 1 each (two views shown)</p>	
<p>930-489-GX Custom GC Column Module (not shown)</p>	<p>Contact INFICON for a replacement custom GC column.</p>

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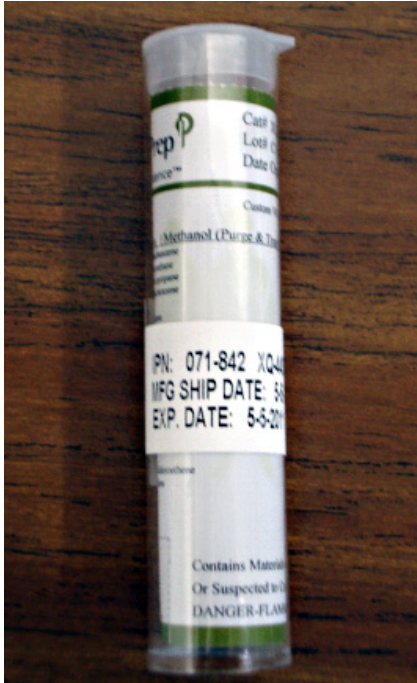
Chapter 3 CMS5000 Consumables

3.1 Concentrator


Part Number	Photograph
<p>935-712-G1 Break-Resistant Tri-Bed Concentrator Kit (Not the same as used in the HAPSITE family of products)</p>	 <p style="text-align: center;">Appearance may vary from the version shown.</p>

IPN d1e54a1

3.2 Chemical Kit




Part Number	Photograph	
<p>071-842 19 Component VOC Mix for Water Purge Method Calibration 1 mL</p>		<p>Comprised of 19 components @ 2000 µg/mL each in MeOH:</p> <ul style="list-style-type: none"> ◆ methylene chloride ◆ trans-1,2-dichloroethene ◆ cis-1,2-dichloroethene ◆ chloroform ◆ 1,2-dichloroethane ◆ benzene ◆ 1,2-dichloropropane ◆ trichloroethene ◆ toluene ◆ tetrachloroethene ◆ chlorobenzene ◆ ethylbenzene ◆ m-Xylene ◆ p-Xylene ◆ o-Xylene ◆ styrene ◆ isopropylbenzene ◆ 1,4-dichlorobenzene ◆ 1,2-dichlorobenzene

3.3 Sample Bags




Part Number	Photograph
<p>070-1686 1 L Sample Bags Pack of 10</p>	

IPN dlle54a1

3.4 Syringes

Part Number	Photograph
<p>070-1454 1 L Syringe with Luer Lock</p>	
<p>070-1224 50 mL Gastight Syringe with Luer Lock (Needle not included)</p>	
<p>070-1205 25 mL Gastight Syringe with Luer Lock (Needle not included)</p>	

IPN dife54a1

Part Number	Photograph
<p>070-1206 10 µL Gastight Syringe with Removable Needle 1 each</p>	
<p>070-1207 Replacement Needle (for 10 µL Gastight Syringe IPN 070-1206) 6 each</p>	
<p>070-1223 10 µL Syringe with Fixed Needle 6 each</p>	

IPN d1e54a1