



Vendor FACTS Bulletin

A Database of
Innovative Site
Characterization
Technologies and
Vendors



Vendor **FACTS**



Version 1.0

**Vendor Field Analytical and
Characterization Technologies System**

Developed by EPA's Technology Innovation
Office and National Exposure Research
Laboratory – Las Vegas



United States Environmental Protection Agency
Technology Innovation Office (5102W)
401 M Street, S.W.
Washington, D.C. 20460

Official Business
Penalty for Private Use
\$300

EPA-542-N-95-009

Bulk-Rate
Postage and Fees Paid
EPA
Permit No. G-35

*How can I
access the latest
vendor's informa-
tion on field ana-
lytical and site
characterization
technologies?*

INTRODUCING EPA'S VENDOR FIELD ANALYTICAL AND CHARACTERIZATION TECHNOLOGIES SYSTEM DATABASE

Developed by EPA's Technology Innovation Office and National Exposure Research Laboratory – Las Vegas and offered to users at no charge, Vendor FACTS contains information provided by vendors on the applicability, performance, and current use of their products. The system is user friendly. It allows users to screen technologies by parameters such as contaminants, media or development status. Version 1.0 contains approximately 80 technologies provided by 71 vendors.

*Vendor FACTS
can assist you in
selecting the
most appropriate
technology*

VERSION 1.0 CONTAINS TECHNOLOGIES GROUPED IN 4 CATEGORIES: ANALYTICAL, GEOPHYSICAL, CHEMICAL EXTRACTION, AND SAMPLING

The database contains information on certain categories of technologies that EPA believes may provide the greatest opportunities for streamlining the site assessment process. Some of the representative technologies are listed below:

- ◆ Air Measurement
- ◆ Analytical Detectors
- ◆ Gas Chromatography
- ◆ Chemical Reaction-based Indicators
- ◆ Immunoassay
- ◆ Soil Gas Analyzer

Search Design Screen

Vendor Information	Available Search Criteria	Performance Data
Vendor Name	<div style="border: 1px solid black; height: 100px;"></div>	Site Location
Technology Type		Waste Source
Trade Name		Regulation/Statute
Media		Project Type
Monitoring Target		Media
Waste Sources		Equipment Scale
Technology Scale		Contaminant Data
Intended Use		Monitoring Specs
Data Quality Use		
Business Type		
State/Province		
Country		

Selected Search Criteria

Close

Comprehensive Search Capabilities

The database enables users to develop customized searches on criteria such as: Technology Type, Media, Contaminants, Data Quality, Data Use (e.g. Field Screening, Risk Assessment, etc.), Performance and Cost Data.

VENDORS / TECHNOLOGY LIST

VENDOR NAME	TECHNOLOGY TYPE	Contaminants Monitored*				
		VOCs	scVOCs	Fuel	Inorganic	Explosives
Esco Electronics & Associates, Inc.	Air Measurement					
Xontech, Inc.	Air Measurement	•	•	•		
Supelco, Inc.	Air Measurement	•	•	•		
Testo Inc.	Air Measurement					
Tekran, Inc.	Air Measurement					
Palintest Ltd.	Analytical Detectors		•			•
Photovac Monitoring Instruments	Analytical Detectors	•	•	•		
Cincinnati Electronics Corporation	Analytical Detectors	•				
Rae Systems Inc.	Analytical Detectors	•		•		•
Photographic Analysis Company, Inc.	Analytical Detectors		•			
Heath Consultants Incorporation	Analytical Detectors	•		•		
Arizona Instrument Corporation	Analytical Detectors				•	
Dexsil Corporation	Analytical Detectors	•	•			
Xontech, Inc.	Analytical Traps	•				
Supelco, Inc.	Analytical Traps	•	•	•		
Margan M.L.S (1994) Ltd	Analytical Traps	•	•		•	
Analytical and Remedial Technology, Inc.	Automated Sampling, Analysis-Multiplepts			•		
Microbics Corporation	Biosensors	•	•	•	•	
Scintrex Limited	Cesium Vapor Magnetometer					•
Henry Medollo for Gallard-Schlesinger	Chemical Reaction-Based Indicators				•	
Sensidyne, Inc.	Chemical Reaction-Based Indicators	•	•	•		
Dexsil Corporation	Chemical Reaction-Based Indicators	•	•	•		
ORS Environmental Systems	Chemical Reaction-Based Indicators	•				
Neogen Corporation	Chemical Reaction-Based Indicators		•			
Geoprobe Systems	Cone Penetrometer Chemical Sensors					
UNISYS	Cone Penetrometer Chemical Sensors	•	•	•		
Tri-Service Scaps	Cone Penetrometer Chemical Sensors	•	•			•
Keck Instruments, Inc.	Downhole Sensors - Saturated Zone			•		
Solinst Canada Ltd.	Downhole Sensors - Saturated Zone					
Yellow Springs Instrument Co., Inc. (YSI)	Downhole Sensors - Saturated Zone					
Noverflo, Inc.	Downhole Sensors - Vadose Zone					
Troxler Electronic Laboratories, Inc.	Downhole Sensors - Vadose Zone					
Savannah River Technology Center	Fiber Optic Chemical Sensors and Analyze	•	•		•	
FCI Environmental, Inc.	Fiber Optic Chemical Sensors and Analyze	•	•	•		
ORS Environmental Systems	Fiber Optic Chemical Sensors and Analyze	•	•	•		
Photovac Monitoring Instruments	Gas Chromatography	•				
SRI Instruments	Gas Chromatography	•	•	•	•	•
Sensidyne, Inc.	Gas Chromatography					
Tracer Research Corporation	Gas Chromatography	•	•	•	•	
EST, Inc.	Gas Chromatography	•	•	•		•
MTI Analytical Instruments	Gas Chromatography	•		•		•
Sentex Systems, Inc.	Gas Chromatography	•	•	•	•	
Airborne Environmental Surveys	Ground Penetrating Radar					•
Map Environmental Research Bv	Ground Penetrating Radar	•	•	•		
Microgeophysics Corporation (MGC)	Ground Penetrating Radar					
Microgeophysics Corporation (MGC)	High Frequency Electromagnetic Sounding					
Geonics Limited	High Frequency Electromagnetic Sounding					
Resolution Resources, Inc.	High Resolution Seismic Reflection					
ENSYS Environmental Products, Inc.	IMMUNOASSAYS	•	•	•	•	•
Ohmicron Environmental Diagnostics	IMMUNOASSAYS	•	•			•
BioNebraska	IMMUNOASSAYS					
Millipore Corporation	IMMUNOASSAYS	•	•	•		•
EM Science / D Tech Test Kits	IMMUNOASSAYS	•	•	•		
ETG Services, Inc.	Infrared (Long Path) Monitors	•	•	•	•	
Sci-Tec Instruments USA, Inc.	Infrared (Long Path) Monitors	•		•	•	
General Analysis Corporation	Infrared (Long Path) Monitors		•	•		
The Foxboro Company	Infrared (Long Path) Monitors	•	•	•		
PCP, Inc.	Ion Mobility Spectrometer	•				•
The Gehm Corporation	Low-Frequency Electromagnetic Offset Log	•	•	•	•	
Viking Instruments Corporation	Mass Spectrometry	•	•	•		•
Bruker Anal. Sys., Inc. and BFA, GMBH	Mass Spectrography	•	•	•		•
Radiation Monitoring Devices, Inc.	Other Spectroscopy Techniques					•
Scitec Corporation	Soil Gas Analyzer Systems					•
Quadrel Services, Inc.	Soil Gas Analyzer Systems	•	•	•		
Columbus Instruments	Soil Gas Analyzer Systems	•	•		•	•
Tracer Research Corporation	Soil Gas Analyzer Systems	•		•		
Supelco, Inc.	Supercritical Fluid Extraction	•	•	•		•
Supelco, Inc.	Thermal Desorption Devices	•	•	•		•
Schonstedt Instrument Company	Transient Electromagnetic (EM) Geophysic					•
Westec	Transient Electromagnetic (EM) Geophysic	•	•			
Geonics Limited	Transient Electromagnetic (EM) Geophysic					
Yellow Springs Instrument Co., Inc. (YSI)	Voltammtric Stripping					•
Palintest Ltd.	Voltmmtric Stripping (Analytical)					•
Asoma Instruments, Inc.	X-Ray Fluorescence Analyzers					
TN Spectrace	X-Ray Fluorescence Analyzers					•
Spectrace Instruments	X-Ray Fluorescence Analyzers					•
Metorex Inc.	X-Ray Fluorescence Analyzers					•
Scitec Corporation	X-Ray Fluorescence Analyzers					•
Advanced Analytical Products & Services	X-Ray Fluorescence Analyzers		•			•

* Preliminary data as of September 12, 1995

TECHNOLOGY VENDORS

Do site managers know about the capabilities and performances of your technologies?



VENDOR FACTS CONNECTS YOU WITH POTENTIAL CUSTOMERS

EPA expects that Vendor FACTS will reach a substantial number of professionals involved in site characterization and analysis in the field. As a result, system users such as State and Federal regulators, site managers, consulting firms, and remediation professionals will have access to and be able to share information on your products and their capabilities.

Why Should You Promote Your Technologies through Vendor FACTS?

- EPA promotes and demonstrates the system at various conferences in the U.S. and abroad.
- Join the ranks of more than 80 of your competitors who are using Vendor FACTS to promote their technologies. (A complete list of Vendor FACTS 1.0 vendors is provided on the reverse side)
- Participation in the database is FREE

What Technologies are Included in Vendor FACTS?

Vendor FACTS is a service offered by EPA to promote the use of certain categories of innovative technologies for field analytical and site characterization. It includes portable or transportable technologies for on-site screening, characterizing, monitoring and analysis of hazardous substances. Technologies used for collecting samples for off-site analysis or for monitoring industrial process waste streams are not eligible.

How to Participate in Vendor FACTS

Participation in Vendor FACTS is voluntary and at no charge to the technology vendors. Vendors who wish to participate in Version 2.0 of the database must provide to EPA information on their technologies by completing the Vendor Information Form (VIF). The VIF is designed to allow vendors to highlight the performance of their technologies and can be obtained by returning the attached Order Form. Version 2.0 is scheduled for release in late 1996.

**WINDOWS™
BASED
SYSTEM**

Vendor FACTS is a windows™-based system that enhances user capabilities such as customized reports and one-to-one vendor comparison of technology cost and performance data

DOWNLOADING THE VENDOR FACTS 1.0 SOFTWARE

CLU-IN

For CLU-IN data access, call 301-589-8366. You can also access CLU-IN via the Internet at CLU-IN.EPA.GOV or telnet at 134.67.99.13. For voice help call 301-589-8368. After you have accessed CLU-IN and registered, you may begin the download process. To download ANY of the Vendor FACTS files from CLU-IN, YOU WILL NEED A PASSWORD! You can get the download password by filling out the Vendor FACTS registration questionnaire. To fill out the questionnaire, type REG from the "Main Board Command?" prompt, and choose the option for Vendor FACTS Registration. If you need help downloading files, read Bulletin 103 about uploading and downloading, and Bulletin 106 about using zipped files.

The user manual for Vendor FACTS is in a file called VFACMAN.ZIP. The manual is in WordPerfect 5.1 format.

There are two ways to download the database:

1) Method 1: Requires that you only download one file. The download will be faster, and you will not need to copy files to diskettes. However, if you experience difficulties running the program or want to be certain that the installation will be successful, use method 2.

Download the file called VFACTS1.ZIP. This file contains the entire Vendor FACTS program. However, since this is a copy of an installed version, unzipping this file will not execute a clean installation. In other words, when you unzip this file, you are copying rather than installing it onto your hard disk.

2) Method 2: Download the files called VFACDISK1.ZIP and VFACDISK2.ZIP. These files are zipped versions of the Vendor FACTS disks available from the National Center for Environmental Publications and Information (NCEPI). You must unzip these files to floppy disks before you can install the program. Unzip VFACDISK1.ZIP to disk 1 and VFACDISK2.ZIP to disk 2. You then can run the installation as described in the Vendor FACTS manual. If you do not have the manual, you can put Disk 1 in the floppy drive and type INSTALL at the prompt of that floppy drive.

Downloading the Vendor FACTS Software from Other Electronic Information Resources

Current On-line Access Sites

- America Online (AOL)
- Defense Environmental Network for Information eXchange (DENIX)
(Telnet:128.174.5.51)
- EPA FTP Site (FTP.EPA.GOV)

Future On-line Access Sites

- CompuServe
- Garbo FTP Site
- Simtel FTP Site

Different levels of access and cost are associated with use of the services listed above. Commercial on-line service providers such as AOL and CompuServe charge a base fee for membership and an hourly fee for rates of use above a monthly maximum. Some on-line services, such as DENIX, are free but access to them is restricted. In any event, Vendor FACTS has been uploaded on the services listed above in freeware locations, enabling you to download the software at no additional cost. To receive further information or a copy of downloading instructions, call the Vendor FACTS Help Line at 800-245-4505 or 703-883-8448.

5

VENDOR FACTS 1.0 TECHNOLOGY TYPES

Thermal Desorption Devices (1)	() Indicates number of technologies
Supercritical Fluid Extraction (1)	
Magnetometry (1)	
Low-Frequency Electromagnetic Offset Log (1)	
Automated Sampling (1)	
Voltammetric Stripping (2)	
Other Spectroscopy Techniques (2)	
Ground Penetrating Radar (3)	
Fiber Optic Chemical Sensors and Analyze (3)	
Cone Penetrometer Chemical Sensors (3)	
Analytical Traps (3)	
Infrared (Long Path) Monitors (4)	
Soil Gas Analyzer Systems (5)	
Electromagnetic Geophysical Sounding (6)	
Immunoassays (6)	
Downhole Sensors (6)	
Air Measurement (7)	
Chemical Reaction-Based Indicators (8)	
Analytical Detectors (9)	
Gas Chromatography (Portable Only) (10)	

OBTAINING VENDOR FACTS 1.0

On-line: EPA has made the Vendor FACTS 1.0 software and user manual available for downloading (free) on the Internet accessible Clean-Up Information Bulletin Board System (CLU-IN). Instructions for downloading are provided on the reverse side. Vendor FACTS software is also available from EPA's File Transfer Protocol (FTP) site on the Internet (FTP.EPA.GOV). It can also be obtained from the following electronic information resources:

Current On-line Access Sites*

- America Online (AOL)
- ATTIC [703-908-2138]
- CLU-IN [301-589-8366]
- EPA FTP Site (FTP.EPA.GOV)
- Defense Environmental Network for Information eXchange (DENIX) (Telenet:128.174.5.51) [217-333-5067]

* [] indicates modem number

For instructions on downloading Vendor FACTS from these resources, contact the Vendor FACTS Help Line at 800-245-4505 or 703-883-8448.

Diskettes: Vendor FACTS 1.0 diskettes and user manual can be obtained using the order form provided.

SYSTEM REQUIREMENTS

To operate Vendor FACTS 1.0 should have the following hardware and software capabilities:

- 386 class (or higher) personal computer
- 4 Megabytes of random access memory (RAM)
- Window™ 3.1* (or higher)
- 5 megabytes of free hard disk space

* Window™ 3.1 must run SHARE.EXE. Window™ 3.1 for workgroups does not require SHARE.EXE,

3

VENDOR FACTS 1.0 REGISTRATION & 3.5" DISKETTE ORDER FORM

EPA asks that you register using this form even if you have downloaded the software from an on-line service other than CLU-IN. When registered, you will be notified about system updates.

Please type or print legibly.
Allow 4 - 6 weeks for delivery of diskettes and user manual.

Mail to:
U.S. EPA/NCEPI
P.O. Box 42419
Cincinnati, OH 45242-0419

Fax to:
U.S. EPA/NCEPI
513-489-8695
513-489-8190 (VERIFICATION)

Name _____ Date ordered _____

Telephone no. _____ Fax no. _____

Company/Agency _____

Street _____

City _____ State _____ Zip code _____

Country _____ E-mail address _____

Please check all that apply:

- Register me as a Vendor FACTS user and send me information about system updates. I was able to download Vendor FACTS 1.0 electronically.
- _____
- Send me the Vendor FACTS 1.0 diskettes (3.5").
- _____
- Send me a Vendor FACTS 1.0 user manual.
- _____
- I am an innovative site characterization technology vendor and would like to be included in Vendor FACTS 2.0. Please place me on the mailing list to receive the Vendor Information Form (VIF) 2.0.

For more information on:

- Downloading the Vendor FACTS software
- Installing or operating Vendor FACTS
- Submitting information for Vendor FACTS

Call the Vendor FACTS Help Line

800-245-4505 or 703-883-8448

*U.S. GOVERNMENT PRINTING OFFICE: 1995-0-400-404

4