

PRODUCT PROFILE

SCOTT brand specialty gas mixtures



Unique SCOTT technology

Engineered originally by Scott Specialty Gases, these unique mixtures are known worldwide as being the standard for calibration accuracy. These same mixtures are available from Air Liquide, produced using original Scott technology such as ACLUBLEND™, ACULIFE™ and GRAVSTAT™. Our ISO-certified laboratories follow strict procedures for preparation and analysis—ensuring products of the highest quality.

Guaranteed performance

SCOTT gas mixture classes comprise the world's most authoritative portfolio of gases used for analysis and process control. Every gas mixture in each class is guaranteed to be within the specifications ordered. Whether it's a high-accuracy master calibration standard that is traceable to a global reference standard or a simple two-component mixture for quick instrument checks, Air Liquide has a SCOTT mixture class that perfectly matches performance to application needs.

SCOTT mixtures from Air Liquide are analyzed using standards such as Standard Reference Materials (SRMs) and NIST-Traceable Reference Materials (NTRMs) obtained from the U.S. National Institute of Standards and Technology (NIST), or other recognized metrology institutes such as VSL (formerly NMI) in the Netherlands. Air Liquide is the world's largest producer of environmental compliance gases and US EPA protocol gases for monitoring CO, low NO_x, H₂S, SO₂ and VOC emissions.

Customer driven accuracy and traceability

SCOTT mixture classes feature varying levels of traceability, blend tolerance, process and analytical accuracy, as well as other critical parameters. Customers therefore have control by selecting from a class offering mixture characteristics that are most appropriate for their application. There is no need to sacrifice performance or to pay for tighter specifications than an application requires.



Convenient, cost-effective SCOTT™ Transportables

SCOTT products provide calibration gases in a variety of nonreturnable cylinder sizes and volumes. They provide substantial cost savings by eliminating cylinder rental and two-way shipping charges associated with refillable high-pressure cylinders. SCOTTs allow customers to purchase smaller quantities of gas and provide go anywhere portability.

SCOTT brand equipment preserves gas integrity

Choosing the wrong equipment can adversely affect an application or even pose a serious threat to the safety of personnel. Air Liquide can help optimize any application by providing equipment guaranteed to preserve gas purity and integrity, and deliver it safely to the point-of-use.



Markets we serve include:

- Environmental air monitoring
- Food and beverage
- Homeland security
- Hydrocarbon and natural gas
- Industrial safety and hygiene
- Laboratory and scientific
- Law enforcement
- Petrochemical
- Vehicle emissions testing

Measurable product, value and performance

- Tighter process control reduces operating costs
- Faster calibration shortens product time-to-market cycle
- More accurate process control increases end product quality and market value
- Avoid fines or penalties resulting from regulatory noncompliance
- Reduced costs via online supply chain optimization
- Increased worker safety



产品简介

SCOTT 品牌的特种混气



无与伦比的 Scott 技术

如同世界知名的标准品, 这些为了校正准确性用的独特的混合气体, 是原为 Scott 设计的, 而这些同规格的混气也可从 Air Liquide 取得, 都有使用原 SCOTT 技术来生产, 如 ACLUBLEND™, ACULIFE™ and GRAVSTAT™ 等技术. 我们 ISO 认证的实验室, 皆严厉遵从高规格程序来准备和分析 - 为确保高质量的产品.

性能保证

SCOTT 混合气体种类包含世界最具权威性的规格气体被使用为分析与制程控制. 每个等级的混合气体皆保证在规格订制的范围内. 无论是依全球参考标准的高准确度校正混合气体或是快速仪器检测的混合气体. Air Liquide 拥有 Scott 各类混合气体可完全符合在任何应用上的需求.

来自 Air Liquide 的 SCOTT 混合气体其分析所使用的标准, 例如标准参考材料 (SRMs) 和 NIST 可追踪的参考材料 (NTRMs) 包含是被美国国家标准和技术研究所 (NIST) 或其它认可的测量机构, 如 VSL (NMI 荷兰计量研究所前身) 所公认的. Air Liquide 是监测排放一氧化碳 (CO), 低氮氧化物 (low NO_x), 硫化氢 (H₂S), 二氧化硫 (SO₂) 与易挥发有机物质 (VOC) 的环境监测气体及美国环保署 (EPA) 协议气体的世界最大制造商.

客制准确度与可追溯性

SCOTT 的混合气体在可追溯性, 混合容许度, 制程与分析准确度, 以及其它重要参数上皆有不同等级. 顾客可选择最适合其应用需求的混合气体特性. 不再需要牺牲性能或去买紧缩规格的产品了.



便利且具成本效益的 SCOTT™ 可携带型产品

SCOTT 产品提供在校正气体上有不同免归还的气瓶尺寸与容量可选择. 藉由扣掉气瓶租借和再灌注高压气瓶之双向运送费用, Scotty 可提供可观的费用节省. SCOTT 产品提供您小量气体采购及方便任何地方之运送之优点.

SCOTT 品牌的设备以维护气体特性

选择不适合的设备会不利地影响应用上的使用, 或者甚至严重威胁到人员安全. Air Liquide 能藉由提供可靠地设备来维护气体之纯度与特性, 并安全输送至使用点, 使得各应用能最有效地进行.



Founded in 1902, Air Liquide is a world leader in industrial and medical specialty gases and related services, providing innovative solutions for the manufacture of everyday products and for the protection of life.

NOTE: This brochure is intended for general information purposes only and is not intended as a representation or warranty of any kind, or as a statement of any terms or condition of sale. The information herein is believed to be correct, but is not warranted for correctness or completeness or for applicability to any particular customer or situation.

ACUBLEND, ACULIFE, GRAVSTAT, SCOTT, SCOTT™ and MOLECULES THAT MATTER are trademarks of the Air Liquide Group. ©2010 Air Liquide America Specialty Gases LLC



我们服务的市场包括:

- 环境气体监测
- 食物与饮料业
- 国土安全
- 碳氢业和天然气
- 工业安全和卫生
- 实验室及科学领域
- 法规执行
- 石油化工
- 气车废气测试

可量度的产品, 价值与性能

- 严密制程控制可降低操作成本
- 快速校正可缩短生产时间
- 更准确的制程控制可提高最终产品质量与其市场之价值
- 避免因没遵守法规而产生的罚款或处罚
- 经由在线实时的网络供应炼支持系统可降低成本
- 提升工人的安全



Air Liquide America Specialty Gases LLC
6141 Easton Road
Box 310
Plumsteadville, PA 18949

Phone: 800.217.2688
Fax: 215.766.2476
Email: solutions.center@airliquide.com
www.ALspecialtygases.com

All rights reserved 08/10-TGI 2M

C1085.C