

無損檢測化學

SOLUTIONS
FOR YOUR TESTING
APPLICATIONS



FUKKOL

Quality of Life
存在的根源—質量

LEAK DETECTOR SPRAY

氣體測漏劑

Fukkol Gas Leak Detector Spray is a specially formulated fluid designed specifically to identify even the smallest, positive pressure, gaseous leak on plastic and metallic pipework and fittings. Fukkol Gas Leak Detector Spray leaves a thin uniform film of surface-active agents that accurately identify any leakage or bleeding of joints.

富高氣體測漏噴劑是一種特別製造而成的液體，專門設計用以測出極微細的瓦斯泄漏。富高氣體測漏噴劑噴灑後形成一層薄的均一的薄膜因為表面活性添加劑可以精確地指出任何的瓦斯泄漏或接合處的泄漏。



Net: 500ml

Benefits 優點:

- Fukkol Gas Leak Detector Spray is suitable for use with most gases.
- Fukkol Gas Leak Detector Spray is suitable for use with most pneumatic system.
- Fukkol Gas Leak Detector Spray is compatible with most metals and plastics.
- Fukkol Gas Leak Detector Spray is supplied in a convenient aerosol format to ensure consistent and accurate application.
- No wastage or spillage.
- 適用於大部份的瓦斯氣體。
- 適用於絕大部分氣動系統的漏氣檢測。
- 適用於大部分塑料和金屬材料。
- 方便且精確地使用在一些難以接近的地方。
- 無廢棄物或溢出物。

Directions for Storage and Use 使用方法

- Shake can well before use.
- Spray from a distance of 25 to 30 cm onto the area to be tested.
- Bubbles in the applied film indicate the location of a leak.
- Test compatibility with painted or coated surfaces, plastics and rubbers prior to application.

使用前請充分搖晃并距離目標物25到30公分噴灑。噴灑後的薄膜如發生泡沫即可確定有泄漏的發生。使用于上漆或有披覆層的表面，塑料及橡膠之前請先做兼容性試驗。

經銷商 Distributor:

IntercheckTM

Crack Test Complete Set

探傷劑套裝

FUKKOL IntercheckTM 着色探傷劑是一種紅色目視的無損檢測方法，可快速檢查絕大部分金屬、陶瓷和其它非多孔材料的裂縫或缺陷。

FUKKOL IntercheckTM Crack Test Complete Set 廣泛應用於設備零件、鑄件、鍛件、管道、化工、造船、發電、航空、機械、汽車、冶金、石油、鐵路、受壓容器等部門的表面探傷檢測的焊接檢查。

- **FUKKOL IntercheckTM** 着色探傷劑採用了高濃度的優質染料，與高級別溶劑組配而成，是用于檢測最小、最細微缺陷的最佳着色探傷劑。
- **FUKKOL IntercheckTM** 顯像劑採用平滑噴灑模式，確保施加的顯像劑薄且均勻。
- **FUKKOL IntercheckTM** 套裝探傷劑，目前已廣泛應用於各個行業焊接件的檢測。
- 良好的可靠性、均勻度和安全性，是用戶在檢測過程中的主要考量，產品擁有全部特性。
- 極佳的滲透性，能快速滲透至最細微的裂縫。

FUKKOL Intercheck crack detection is one kind of **RED VISIBLE** crack detection method ,can detect the cracks of most of metals,ceramic and other materials which are not many holes.

Portable, easy to use kits designed to find cracks and



着色探傷劑应用于焊接检测领域



Net: 500ml

other surface discontinuities in metal, ceramic and other nonporous materials before there is a problem. It is also the most widely used method of weld inspection as well as checking equipment parts, castings, forgings, vessels, chemical industry, shipbuilding, electricity generation, aerospace, machinery, automotive, metallurgy, petroleum, railway, high pressure container and all surface crack testing.

FUKKOL Intercheck adopt high density and high quality dye, and high quality solvent formulated, is the best crack detection used for smallest and slightest crack. However, some manufacturers adopt the worse solvent in order to save the cost or slow the density of dye. That will give rise to the result of detection which is not obvious, and cause some places missing detection. Meanwhile, some worse solvent will threat the human health.

- **FUKKOL Intercheck Developer** adopt smooth spray model, ensure the developer agent thin and even.
- **FUKKOL Intercheck** now is widely used for the detection of variety industries welding components.
- Good reliability, evenness degree and security, are the main factors of customers during the processing of detection.
- Excellent penetration, can penetrate to the slightest crack quickly.

在探傷領域，主要分內檢或外檢，其中內檢中采用輻射方式對部件內部進行檢測的方式趨于淘汰；而近期興起的無損探傷，則符合了人類社會日益重視的環保理念。

所有 **FUKKOL** 產品都嚴格遵循軍用及工業規範進行生產，采用高級別溶劑以減少難聞的氣味，還提供高級別的油質載液，氣味很輕，對皮膚的刺激性能較小。

In the crack detection scopes, mainly are the internal detection and external detection, internal detection adopt the radiation method to the internal components, which are eliminated; And the lately arisen harmless crack detection, accord with human society environment-friendly philosophy.

All **FUKKOL** products strictly follow the military and industry regulation to produce and adopt high quality solvent to decrease the unpleasant smell, what's more, provide high class oiliness carrier liquid, light odour, and less irritate to the skin.

Intercheck™ Cleaner 清洗劑

Ref: I03058

Intercheck™ Cleaner / remover are specially formulated to remove oil, grease, dirt and other most stubborn dirt from mechanical part, moulds and toolings.

Intercheck™ Cleaner are easy to apply and provide excellent cleaning power and instant penetration to hard reaching areas.

富高清洗劑的特殊配方，能去除機械零件、模具和工具上的油漬、油脂、污垢和其它頑固的污漬。

富高清洗劑方便易用，有特強的清潔能力，可迅速滲透到難以到達的部位。



Intercheck™ Penetrant 滲透液

Ref: I03059

Intercheck™ Penetrant is a general purpose water washable red colour contrast penetrant. **Intercheck™** exhibits outstanding penetrating characteristics which provides for maximum reliability in locating surface-open flaws and discontinuities. **Intercheck™** is formulated to give excellent controlled washability over a wide temperature range and variable dwell times. Typical applications include castings, forgings, leak testing, welds and general metal work.

Intercheck™ Penetrant 是一種可清洗的紅色滲透劑，為表面的破損提供一種可靠、顯著的顏色滲透效果：擁有寬廣的使用溫度和停留時間。建議用于壓鑄、鍛件、泄漏測試、焊接和一般金屬加工。

滲透性對比 Comparison on Penetration

① 傳統滲透劑



傳統滲透劑滲透效果差，無法滲透到裂縫底部。

② Intercheck™ 滲透液



FUKKOL 富高滲透液，其特殊的分子設計，能迅速滲透到裂縫底部。

Intercheck™ Developer 顯像劑

Ref: I03060

Intercheck™ Developer is a ready to use suspension of white developing particles in a fast drying solvent. **Intercheck™** Developer produces an opaque white coating, which provides an excellent contrasting background for **Intercheck™** penetrant indications.

Intercheck™ Developer 是一種可懸浮在快幹溶劑的一種白色微細顆粒的有效塗層，可為滲透劑提供一種優秀的顯像效果。



使用方法 Use Method:

