

Leaders in Leak Testing

Vantaggi

- Preciso rilevamento di microperdite in flaconi sigillati
- Metodo di test conforme ASTM F-2338-05
- Preciso rilevamento di umidità e livello di vuoto nel "collo" del flacone utilizzando il sistema di assorbimento laser
- Affidabilità garantita 99%
- Elevata ripetibilità del test
- Facile pulizia della macchina
- Bassi consumi
- Bassa Manutenzione
- Alta sensibilità di misura
- Visione, registrazione e stampa dei risultati del test e dei parametri
- Assistenza remota della macchina
- Documentazione di validazione conforme ai protocolli FDA
- Interfaccia "user friendly" con software SCADA conforme alle specifiche CFR21 parte II

Advantages

- Precise detection of micro leaks in sealed vials
- Leak testing method according to ASTM F-2338-05
- Precise measurement of moisture and vacuum level in vial headspace using laser absorption
- Reliability guaranteed above 99%
- High repeatability
- Easy cleaning
- Low energy consumption
- Low maintenance
- High sensitivity
- Displaying, recording and printing of the tests results and parameters
- Remote assistance via network
- Validation documentation to comply with FDA protocols
- User Friendly HMI with Software based on SCADA platform complying to CFR21 part II

Specifiche Tecniche

Velocità di produzione: fino a 600 cpm
Parti macchina: acciaio AISI 304 e 316 L
Funzionamento: Elettrico-Meccanico
Potenza installata: 4 Kw
Tempo di cambio formato: da 20 a 30 minuti
Pressione aria: Non richiesta
Tipo di test: Decadimento in vuoto controllato - Assorbimento Laser

I dati tecnici possono subire variazioni senza preavviso

La macchina PKV LVA Combi utilizza le più innovative tecnologie per il rilevamento di microperdite in flaconi riempiti e sigillati, attraverso l'uso del sistema di decadimento di pressione/vuoto controllati e contemporaneamente verifica la pressione interna al "collo" del contenitore usando la tecnologia dell'assorbimento laser. Il test è di tipo non-distruttivo, veloce e preciso. la macchina può essere installata in produzione ed il caricamento/uscita dei prodotti avviene tramite sistema a nastro.

OPTIONAL

Vasta gamma di dispositivi opzionali dedicati consente la personalizzazione delle macchine in funzione delle specifiche esigenze del cliente

Technical Specifications

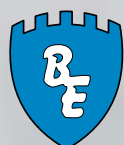
Production output: up to 600 cpm
Machine parts: AISI 304, 316L steel
Actuation: Electrical - Mechanical
Installed power: 4 Kw
Changeover time: 20 - 30 min
Air pressure: Not required
Test Type: Vacuum decay - Laser absorption

Technical data may be changed without notice

The PKV LVA Combi is a state of the art technology to detect leakages in filled and sealed vials using the vacuum decay method and also measures the headspace pressure in lyophilised vials using laser absorption technology. The testing is non-destructive, fast and precise. This machine may be installed inline whereby vials are fed via a conveyor system.

OPTIONAL

Wide range of optional devices that allow the machine to be customised for the specific needs of each application



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Vorteile

- Präzise Erfassung von Mikroundichtigkeiten in versiegelte Behältnisse mit Schnapverschluss, üblicherweise im Einsatz für Diagnosestrips
- Dichtigkeitsprüfmethode gemäß ASTM F-2338-05
- Hohe Reproduzierbarkeit
- Einfache Reinigung
- Niedriger Energiebedarf
- Nahezu wartungsfrei
- Hohe Sensibilität
- Anzeige, Speicherung und Druck der Testergebnisse und -parameter
- Fernwartung durch Netzwerk
- Qualifizierungsdokumentation entsprechend FDA Protokolle
- Benutzerfreundliche Bedienung, Software basiert auf SCADA Plattform gemäß CFR21 Normen, part II

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Technische spezifikationen

Produktionsgeschwindigkeit: bis 600 Stück/Min.
Maschinenteile: AISI 304, 316 L Stahl
Antrieb: Elektromechanisch
Leistung: 4 KW
Formatwechselzeit: 20 - 30 min.
Luftdruck: Nicht notwendig
Dichtheitsprüfung: Vakuumabfall / Laserabsorption

Änderungen der technischen Daten vorbehalten

Die Technologie der PKV-LVA Combi entspricht dem heutigen Stand der Technik und dient zur Erkennung von Undichtigkeiten in gefüllten und verschlossenen Vials durch die Vakuumabfallmethode und zur Messung des Drucks im Gasraum lyophilisierter Vials durch Laserabsorption. Der Test ist zerstörungsfrei, schnell und präzise. Diese Maschine wird in Linie installiert. Die Vials werden über ein Transportbandsystem zugeführt.

OPTIONAL

Durch die große Angebotspalette an optionalen Geräten kann jede Maschine an die speziellen Anforderungen verschiedenster Applikationen angepasst werden

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