SP-BS-1908 型杂质黑点检测仪

Model SP-BS-1908 Black Spot Detector

用途 Application

按相关国家标准分析树脂片或颗粒的杂质黑点的大小、数量，以及黑点颗粒占比数。

This equipment evaluates the number and size of blackspot, as well as the ratio of blackspot in beads, for resin sheet or pellet in accordance with relevant industry standard or code.

适用于透明、半透明、不透明的膜片、颗粒，如 PP、PE、PVC、PPS 等等。

Applicable for inspection and analysis for transparent or semitransparent or even opaque materials, such as PP, PE, PVC, PPS, etc.

也适用薄膜等透明体的黑点和内在疵点的检测和分析。

Also can be used to detect and analyze black spots or defects of inner quality in transparent film.

技术指标 Specifications

1. 测量规格：0.1mm, 0.2mm, 0.3, 0.4mm, 0.8mm, 1.0mm, 1.2mm, …, 等等, 按选用的标准，可在软件界面选定。
   Measurement Range: 0.1mm, 0.2mm, 0.3mm, 0.4mm, 0.8mm, 1.0mm, 1.2mm, …, etc., up to relevant code being applied, and is selectable via software.
2. 最小检测目标： 0.1mm
   Min target radius: 0.1mm
3. 检测精度： 小于 0.035mm
   Resolution: less than 0.035mm
4. 检测面积：不小于 200×200mm
   Detection Area: Not less than 200×200mm
5. 器皿大小：200mm×200mm 净面积，用于颗粒黑点检测。
   Tray size: 200mm×200mm, net area for bead blackspot inspection.
6. 放大倍数：>20 倍
   Amplification: more than 20times.
7. 光密度：不小于 6000 流明
   Light-intensity index : Not less than 6000 Lumens
8. 光源要求：24V/60W
   Illuminator bulb assembly: 24V/60W
9. 供电电源：220V, 50HZ
   Power Supply: 220V, 50HZ
10. 外形尺寸：约 459mm×426mm×(276mm+380mm)
    Dimension: around 459mm×426mm×(276mm+380mm)

SP-BS-1908 型 黑点检测仪

仪器功能特点

1. 测量黑点的大小和数量，以及黑点颗粒占比数。
   Detects the size and quantity of blackspot, as well as the ratio of BS in beads.
2. 可提供黑点、损坏颗粒，以及膜片质地纹路的分布图谱。
   Provides mapping of blackspots or inner quality, as well as the defected bead.
3. 黑点或膜片质地分布可放大和缩小。
   Ability to zoom in and out to view blackspot or striation in sample. Showing in detail the texture shape of it.
4. 被测目标可分类计数和统计。
   Counting and classification of the targets being measured.
5. 按适用的标准自动生成检测报告。
   Automatically generates Inspection Report based on different standard or code.
6. 报告和图谱可打印可储存。
   Report and Mapping is printable or can be saved.
7. 进样方向与屏幕显示的走向一致，友好的界面视觉感。
   Sample feeding direction is same as the moving direction of display on the computer screen with friendly interface design.
8. 颗粒以透明器皿为载体，批次检测。
   Bead is inspected by using transparent tray in batch.
9. 透明薄膜直接平铺在检测平台上进行检测，无需对薄膜作黑化或贴纸处理。
   Transparent film is directly spread on the inspection platform for detecting, without any pretreatment by blackening or paper back stick process.

仪器的配置

☆ SP-BS-1908M 杂质黑点检测仪 Type of SP-BS-1908 Blackspot Detector.
☆ 透明器皿(测颗粒用) Transparent tray （ be used for bead inspection)
☆ 应用软件 Application Software.
☆ 标准板 Standard Plate for Calibration.
☆电脑工作站 Working Station of Computer.