

“Bottles screened quickly with EMIT’s”:



MS100PTM

(MicroScan 100 P)

Drinkable beverages are now easily separated from dangerous liquids that may contain explosive ingredients, drugs, chemicals and other contraband.

The MS100P is a tabletop beverage inspection system designed to quickly screen liquids in bottles where threat items may be present. The MS100P is for use at checkpoints, prisons, events and wherever liquids in bottles are a security concern.

Bottles are automatically evaluated in less than 3 seconds. A green light indicates that the bottled beverages are safe, a red light signals an operator to take action.



SCAN. DETECT. PASS.
 (“Know when to throw it!”)

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MS100P™

(MicroScan 100 P)

| | | |
|--|---|--|
| Key Benefits | | |
| Quick | Easy | Versatile |
| Less than 3 second | Automatic Scan | User Configurable |
| <ul style="list-style-type: none"> • <i>Non-invasive Scanning</i> • <i>Reliable</i> • <i>Save time & costs</i> • <i>No bottle prep</i> | <ul style="list-style-type: none"> • <i>Place bottle in fixture</i> • <i>Scan is automatic</i> • <i>Simple to use</i> • <i>Easy setup</i> | <ul style="list-style-type: none"> • <i>Full containers</i> • <i>Partial containers</i> • <i>No consumables</i> • <i>Self calibrating</i> • <i>Red / fail</i> • <i>Green / Pass</i> • <i>Computer Interface</i> |
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| Product Description | Product Operation |
| <p><i>The MS100P (MicroScan 100Plastic) is a tabletop system that uses microwave technology to analyze the contents of beverage containers. The system works on full, partial, sealed or open containers, with no need for sample preparation. Results are presented as a simple pass/fail in less than 3 seconds.</i></p> | <ul style="list-style-type: none"> • <i>The bottle is placed into the scanner</i> • <i>Scan is initiated automatically.</i> • <i>The results are clearly displayed with a red light and audio alarm indicating a fail and a green light or a single beep indicating a pass.</i> |

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| Specifications | |
|--|--|
| <ul style="list-style-type: none">• Container Types Plastic, Glass• Bottle Shape Circular or Square• Bottle Sizes 57-90mm diameter 100-300mm height• Liquid Volume 100-1000ml Bottles must be 1/2 full• Pass Liquids Any potable liquid• Fail Liquids Flammables, volatiles, explosives Corrosives, poisons, narcotic• Liquids temperature range 5°C - 40°C• Alarm Type LED's and Audio | <ul style="list-style-type: none">• Primary power 100-240 VAC, 50-60Hz .3A single phase• Device Power 5VDC 1000mA• Output Power < 10microwatts cm2• Output Frequency 650-675MHz• Response Time Less than 3 seconds• Operating environment Temp 5°C - 50°C Humidity 5% - 85%• Weight 10lbs• Size 279mm x 279mm x 229mm• Aux Data output RS232 DB9 57600bps 8 data, 1 stop no parity or flow control |

All efforts have been made to ensure accuracy of information contained in this technical specification but it is not guaranteed and subject to change at any time without notice.

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