

## The innovation in mycotoxins rapid analysis

Single sample preparation \*

\* Except Smart Strip DON

Accurate results with low cost extraction

1. WEIGH THE GRINDED SAMPLES

2. ADD EXTRACTION BUFFER

3. 3 MINUTES SHAKING

4. FILTER

5. DILUTE

6. LOAD THE SAMPLE ON THE STRIP



<b>SMAT STRIP AFLA B<sub>1</sub></b>	20 det - cod. MA820
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<b>SMAT STRIP ZON</b>	20 det - cod. MZ800
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<b>SMAT STRIP FUMO</b>	20 det - cod. MF800
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<b>SMAT STRIP DON</b>	20 det - cod. MD800
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7. READ THE BAR CODE

8. INSERT THE LAYER INTO THE SCANNER

9. TURN UPSIDE-DOWN THE STRIP IN THE LAYER



10. READ THE RESULTS

Multiplex scanner to read up to 5 strips simultaneously

### LAB LFD READING SYSTEM

cod. LT905

Includes an ultra-thin and light scanner for the acquisition of 5 strips, even for different analytes, the license, the software, the layer for strip placing and the portable PC.

*The offer can be customizable, each component can be sold separately. The software can be installed on every PC (Windows Vista, 32 bits, Windows Seven 32 or 64 bits, Windows Eight 32 or 64 bits except 8RT) equipped with at least two USB 2.0 or 3.0 ports.*



## SMART STRIP

AFLA B<sub>1</sub> cod. MA820

### SPECIFIC ANALYSIS OF AFLATOXIN B<sub>1</sub>

Sample preparation: extraction in Methanol 70%, 3' shaking, filtration or centrifugation, dilution

#### QUANTITATIVE ANALYSIS

Detection range: 2 - 75 ppb  
up to 375 ppb

Assay time: 10 minutes

#### QUALITATIVE ANALYSIS

Cut off: 10 ppb

Assay time: 5 minutes

## SMART STRIP ZON

cod. MZ800

### ZEARALENONE ANALYSIS

Sample preparation: extraction in Methanol 70%, 3' shaking, filtration or centrifugation, dilution

#### QUANTITATIVE ANALYSIS

Detection range: 50 - 1000 ppb  
up to 2000 ppb

Assay time: 10 minutes

#### QUALITATIVE ANALYSIS

Cut off: 100 ppb

Tempo di saggio: 5 minuti

## SMART STRIP

FUMO cod. MF800

### FUMONISIN ANALYSIS

Sample preparation: extraction in Methanol 70%, 3' shaking, filtration or centrifugation, dilution

#### QUANTITATIVE ANALYSIS

Detection range: 150 - 4000 ppb up to 20000 ppb (20 ppm)

Assay time: 5 minutes

## SMART STRIP

DON cod. MD800

### DEOXYNIVALENOL ANALYSIS

Sample preparation: extraction in water, 3' shaking, centrifugation, dilution

#### QUANTITATIVE ANALYSIS

Detection range: 250 - 12500 ppb

Assay time: 10 minutes

