



EMAG[®]

NUCLEIC ACID EXTRACTION SYSTEM

The power of true flexible automation



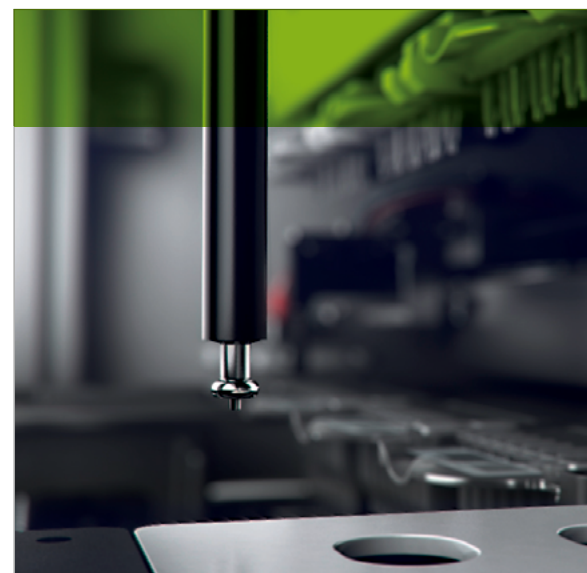
PIONEERING DIAGNOSTICS

BE READY
FOR THE EXPECTED
AND THE UNEXPECTED

EMAG[®] **ONE** SINGLE STANDARDIZED WORKFLOW FOR ALL SAMPLES

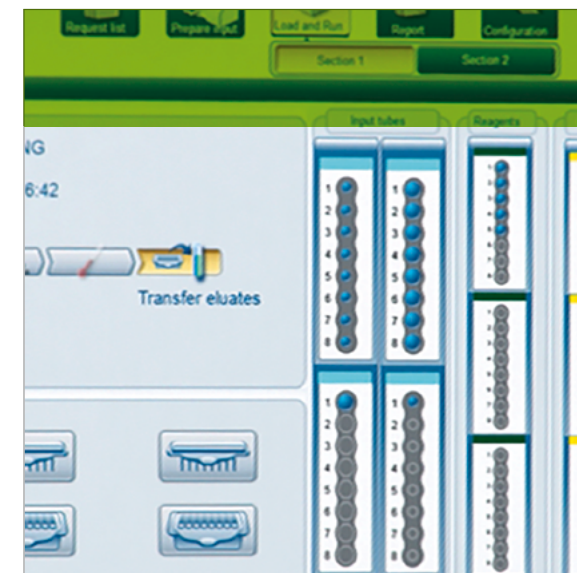


EXPERIENCE THE FULL BENEFITS OF AUTOMATION



- **Primary sample tube management**
- **Internal control and silica automated addition**
- **Specific reagents management**
- **Eluate transfer** into output tubes

JUST LOAD AND RUN



- **Intuitive**, icon-based touch screen software
- **Single set** of reagents for all sample types
- **Minimized plastics:** One disposable & One tip format only
- **Effortless Setup**
- **Minimum** hands-on-time

MAXIMIZE YOUR PRODUCTIVITY



- **One single** standardized workflow for all samples
- **Fast Cycle time:** 90 minutes for 48 samples
- **Empowered flexibility:** 2 independent sections of 24 reactions

EMPOWERS YOUR LAB WITH EMAG[®] FLEXIBILITY



- **Parallel processing** of various sample types
- **Flexible** input/elution volumes within a run
- **Lysed and primary** samples managed together

EMAG® BENEFITS AND FEATURES

BENEFITS	FEATURES
Empowered lab productivity <ul style="list-style-type: none">• Parallel processing of various sample types & volumes within the same run• One single standardized workflow whatever the sample type	<ul style="list-style-type: none">• Flexible input/elution volumes within a run• 2 independent sections used without lead time
Simplicity of use <ul style="list-style-type: none">• Effortless setup• Minimum hands-on time	<ul style="list-style-type: none">• Single set of reagents for all sample types• One disposable & tip format only• Integrated barcode readers
Confidence in extraction results	<ul style="list-style-type: none">• easyMAG® reagents• Extraction quality• Bi-directional connectivity

RELY ON easyMAG® KNOW HOW



- **Simplified** mechanics for minimized complexity
- **Same Chemistry:** BOOM Technology & easyMAG® reagents
- **Extraction** quality

SECURE YOUR SAMPLE TRACKING



- **Automated ID** recognition during loading
- **Sample level** sensing using ultrasound and pressure technologies
- **Automated** output tubes mapping
- **Bi-directional** connectivity
- **Remote access** using VILINK®



EMAG® SPECIFICATIONS

• Instrument type	Nucleic Acids Extraction System
• Dimensions	Benchtop format : H 101 cm x W 142 cm x D 80 cm Cabinet format : H 181 cm x W 142 cm x D 80 cm
• Weight	Benchtop format : 261Kg Cabinet format : 319 Kg
• Sample number	1 to 48 reactions per run
• Sample volume	10 to 1000µl per sample
• Elution volume	25 µl to 200µl (5µl increment)
• Run time	Approx. 90 minutes for 48 samples
• LIS connectivity	Yes
• UV Lamp	Yes
• HEPA Filter	Yes
• IVD compliance	IVD marked according to IVD directive 98/79/EC

ORDERING INFORMATION

- Instrument

PRODUCT NAME	REFERENCE
EMAG®	Ref. 418591

- Reagents

PRODUCT NAME	REFERENCE
NucliSENS® easyMAG® Wash Buffer 1	Ref. 280130
NucliSENS® easyMAG® Wash Buffer 2	Ref. 280131
NucliSENS® easyMAG® Wash Buffer 3	Ref. 280132
NucliSENS® easyMAG® Silica	Ref. 280133
NucliSENS® easyMAG® Lysis Buffer	Ref. 280134

- Consumables

PRODUCT NAME	REFERENCE
NucliSENS® easyMAG® Disposables	Ref. 280135
EMAG® 1000µl Tips	Ref. 418922