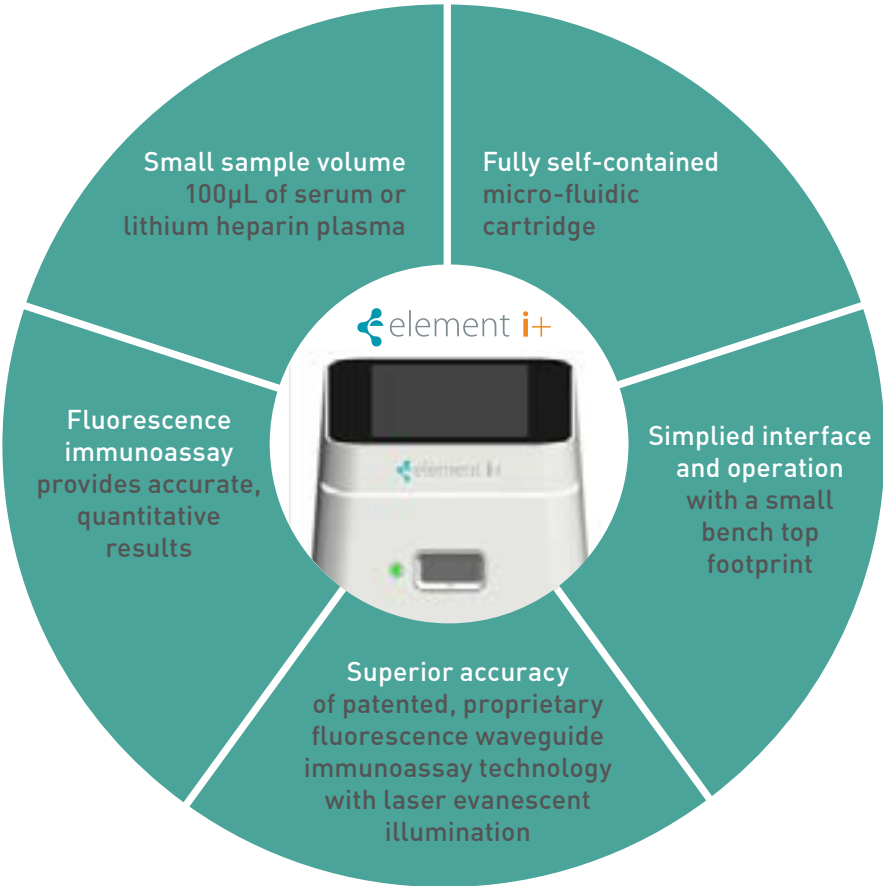


TAKE HOME  
MESSAGE



Element i+

Detection System	Fluorescence Immunoassay
Cartridge	Element i+ compatible
Procedure time	Specific to test cartridge
Instrument electrical power rating	+15 DC/4.65 A max
Wall Power	100–240 V—1.5A max, 47–63 Hz, Overvoltage Category II
Laser classification	Laser Class 1 (per IEC 60825–1)
Operating temperature	59–86°F (15–30°C) indoors
Operating relative humidity	25–65%, non-condensing
Storage temperature	32–113°F (0 –45°C)
Storage humidity	5–95%, non-condensing
Physical dimensions	6.5 in (W) x 8.75 in (H) x 9 in (L) 165 mm (W) x 222 mm (H) x 229 mm (L)
Weight	5.51 lbs (2.5 kg)
Pollution Degree	2 max
Altitude	Up to 2000 meters

CLINICAL  
CHEMISTRY



Element i+  
IMMUNODIAGNOSTIC ANALYZER  
FLUORESCENCE IMMUNOASSAY TECHNOLOGY  
PRODUCT BROCHURE



Your contact person



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1 Enter Patient Information



2 Load Patient Sample



3 Insert Cartridge and start measurement

# The Future of Immunodiagnostics

The Element i+ is the future of immuno-diagnostics. The fluorescence immuno-assay with laser evanescent illumination technology, patented by Heska, provides accurate, quantitative results and reduces interference from substances such as lipemia in your daily laboratory diagnostics.

Its elegant and aerodynamic design allows it to adapt to any workspace. The clinical chemistry analyzer features simple load-and-go operation with an intuitive workflow and allows you to store the cartridge in room temperature and without the need to heat them before the evaluation of the sample. Really easy and comfortable for you daily work.

It utilizes a small sample volume, 100µL of serum or lithium heparin plasma for a diagnostic. Within 5-10 minutes, the Element i+ determines up to 5 parameters and transmits the measurement results to your practice management software. The bidirectional data transfer supports the optimal integration of the Element i+ into your daily work.

START PATIENT TREATMENT IMMEDIATELY IN THE FIRST VISIT!



## Expand your in-house diagnostic capabilities

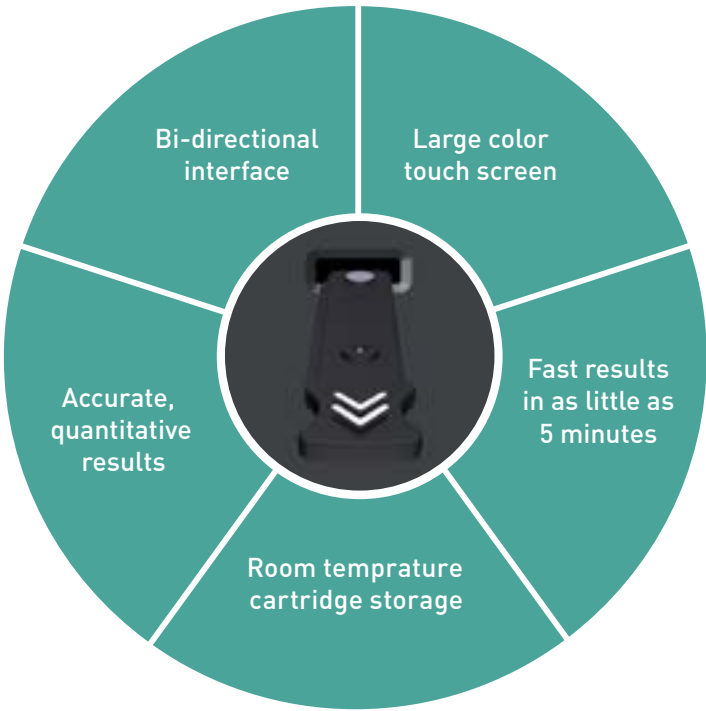
- 5 minute run-time means you can diagnose and develop treatment plans on the first visit
- No more waiting for lab results and playing phone-tag with clients
- Quickly and easily schedule follow-up monitoring with complex patients
- The wide dynamic range of its tests allows a better interpretation than analyzers with narrower dynamic ranges

### EFFICIENT DATA MANAGEMENT

- Integrate with Practice Management Software
- Bi-directional communication enabled auto patient entry and medical record reporting
- Sort options make retrieving previous patient results a snap
- Create comprehensive patient reports with results from other lab analyzers (Chemistry, Hematology, and others)

### CARTRIDGE MICRO-FLUIDIC

Each cartridge box has its own lot specific calibration data to ensure the reliability and repeatability of the results with the different batches of reagents.



MEASURED PARAMETERS	
T4*	Diagnose and monitor thyroid disorders
Cortisol	Diagnose and monitor patients with Cushing's or Addison's disease
cTSH	Diagnose and monitor hypothyroidism in canines
Progesterone	Manage breeding and parturition and screen for reproductive diseases
cCRP <b>NEW</b>	Inflammatory marker to screen and monitor the presence of injury, infection or other inflammatory processes in canines

\*The total T4 reaches up to 15 micrograms per deciliter, which allows more faithful readings and interpretations for our hyperthyroid feline patients. With a lower dynamic range of 0.5 micrograms/dL, for hypothyroid dogs

