




Kibion[®] Dynamic

THE DIAGNOSTIC SOLUTION YOU DESERVE
FOR ¹³C UREA BREATH TESTING



-  Accurate & Trusted Diagnostic
-  Flexible & Optimized Workflow
-  Cost-Effective & Scalable

Kibion® Dynamic base

Dedicated to the diagnostic of *Helicobacter pylori* infections



FAST AND TRUSTED RESULTS

- Time to result: 2 min/sample
- PPA: 98,1%
- NPA: 97,1%

EVOLUTIVE

- To the LIS in bidirectional
- To a Kibion® Dynamic pro or performance to maximize the analysis throughput

USER FRIENDLY

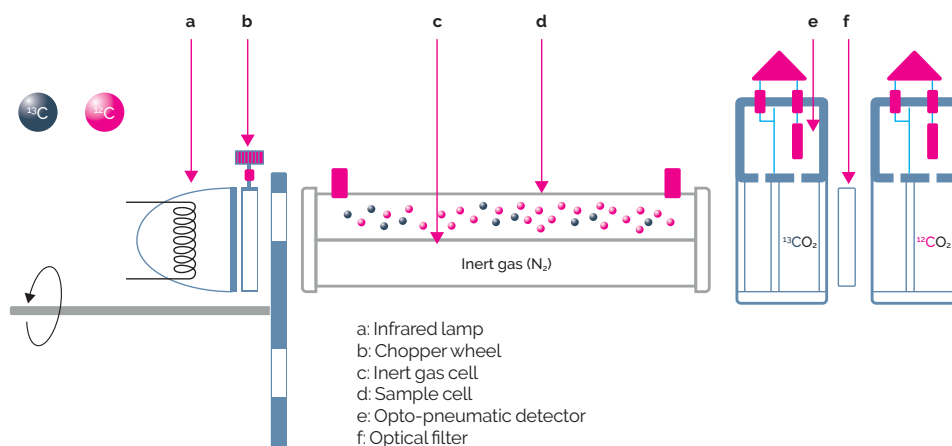
- Integrated & intuitive software
- Compact for space saving

Infrared Analyzer : URAS 26 MED

URAS26 uses high performance measurement technology and can quantify ultra-low concentrations of gas.

The measurement principle of the URAS is based on the specific absorption of infrared (IR) radiation by gas molecules, proportional to their concentration.

URAS analyzer employs gas-filled «opto-pneumatic» detectors.



The absorbed energy causes a temperature and pressure change in the detector, which generates an electrical signal via a membrane capacitor. This approach provides highly selective sensitivity for our gases of interest ($^{13}\text{CO}_2$ and $^{12}\text{CO}_2$).

Extensions to automate and maximize lab testing throughput

Kibion® Dynamic pro



HIGH THROUGHPUT

- 16 positions (up to 8 patients)

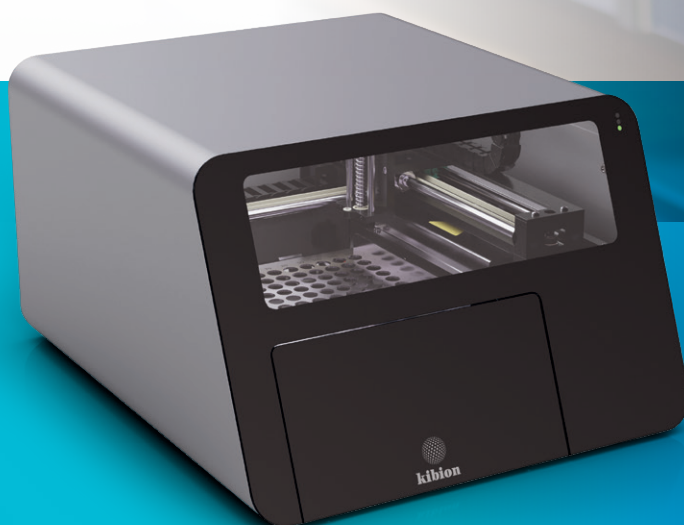
FAST

- Time to result: 2 min / sample
- Short handle time

SAMPLES

- Breath bags

Kibion® Dynamic performance



FULLY AUTOMATED

HIGH THROUGHPUT

- 120 positions (up to 60 patients)

FAST

- Time to result: 2 min / sample
- Short handle time

SAMPLES

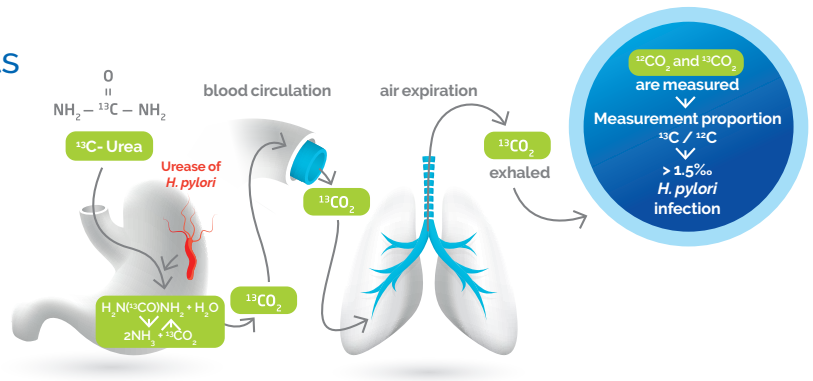
- Breath tubes

Application focus: Urea Breath Tests

Urea Breath Tests

UBT is the most investigated and best recommended non-invasive test in the context of a 'test-and-treat strategy'.⁽¹⁾

The ¹³C-UBT is widely employed for the diagnosis of *H. pylori* infection as well as to verify successful eradication after treatment.⁽²⁾



Global prevalence³

43%

Antibiotics Resistance
Prevalence in Europe^{4,5}

38%

Cancer cases
worldwide attributable
to pathogens
in 2020⁶

36%

Helicobacter pylori
850 000 cases

Helicobacter pylori

A worldwide infection⁽³⁾

H. pylori is recognized as one of the most common chronic bacterial infections worldwide, and about two-thirds of the world's population is infected; it is more common in developing countries.

H. pylori infection is the major cause of ulcer disease and gastritis worldwide, which often present as gnawing or burning epigastric pain. Designated as a carcinogen by the World Health Organization, *H. pylori* infection is the strongest known risk factor for non-cardia gastric adenocarcinoma. Infected people have a 2–6-fold increased risk of developing gastric cancer and mucosal associated-lymphoid-type (MALT) lymphoma compared with their uninfected counterparts.

(1) Malfertheiner P, Megraud F, O'Morain CA, et al. Management of Helicobacter pylori infection - the Maastricht VI/Florence Consensus Report. Gut 2017;66:6–30.

(2) Malfertheiner P, Megraud F, Rokkas T, et al. Management of Helicobacter pylori infection: the Maastricht VI/Florence consensus report. Gut 2022;71:1724–1762.

(3) V. Chen. Global Prevalence of Helicobacter pylori Infection and Incidence of Gastric Cancer Between 1980 and 2022. Gastroenterology 2024;166:605–619

(4) World Gastroenterology Organization. May 2021 <https://www.worldgastroenterology.org/guidelines/global-guidelines/helicobacter-pylori/helicobacter-pylori-English>

(5) IARC. <https://gco.iarc.fr/causes/infections/home>

(6) WHO. September 2025. https://gco.iarc.who.int/causes/infections/tools-bars?mode=2&sex=0&population=who&country=4&continent=0&agent=0&key=at_tr_cases&lock_scale=0&nb_results=10

Ordering information

Reference	Designation		Packaging/Dimension
0K50104	Kibion® Dynamic base*	Instrument	28(W) x 32(H) x 38(D) cm - 13 kg
0K50151	Kibion® Dynamic pro*	Extension	50(W) x 32(H) x 38(D) cm - 11.5 kg
0K50201	Kibion® Dynamic performance*	Extension	50(W) x 32(H) x 60(D) cm - 27 kg
0K50501	Single Breathbag**	Consumables	50 pcs
0K50502	Double Breathbag**	Consumables	50 pcs
0K50503	Mouthpiece***	Consumables	25 pcs



Please contact your local representative
for a quotation



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* Classified as Other/General in vitro diagnostic medical device as per Directive 98/79/EC

** Class A in vitro diagnostic medical device as per REG (EU) 2017/746

*** Class I medical device as per REG (EU) 2017/745.

For in vitro diagnostic only. For professional use only.

Please read the Instructions for Use (IFU) before use.



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