laboratoire HUCKERT'S INTERNATIONAL

SINCE 1957

CONTROLLING THE INFECTIOUS RISK : OUR EXPERTISE SINCE 1957





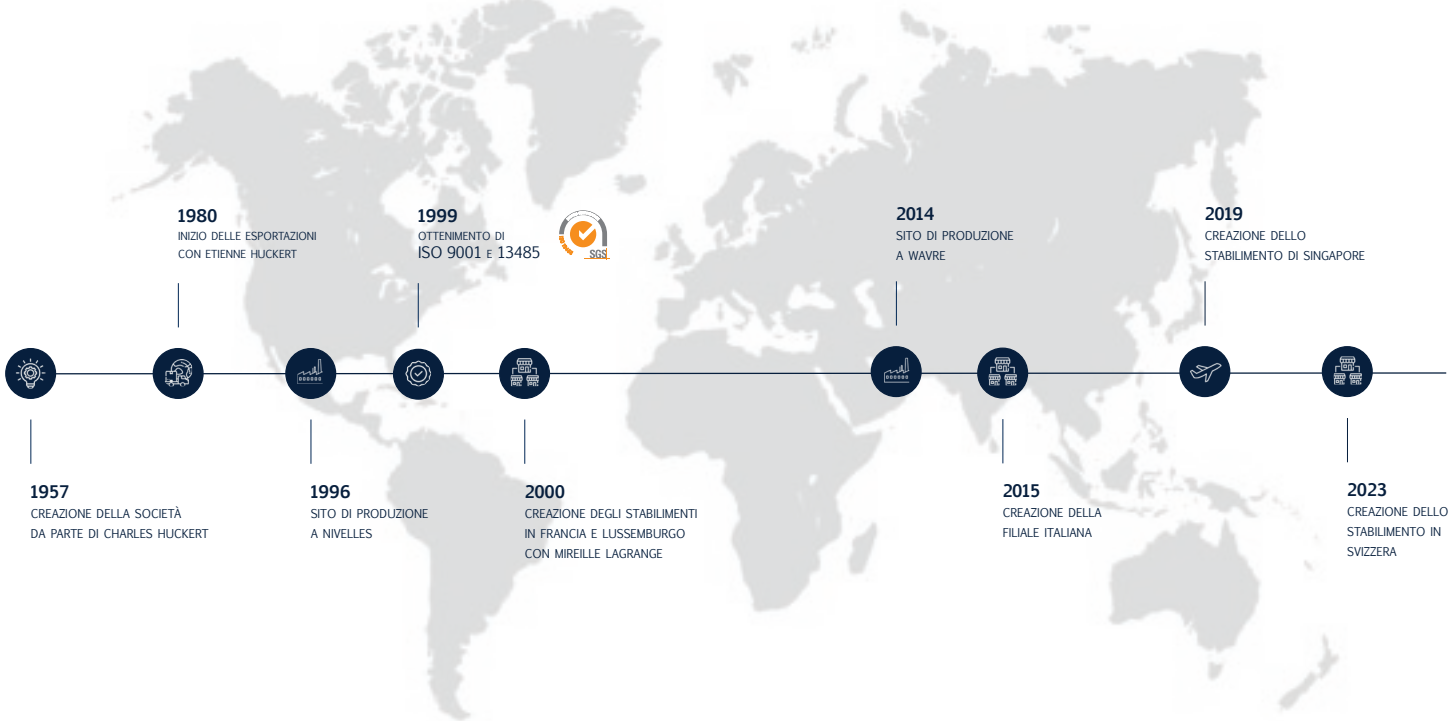


IVF/ART CATALOGUE

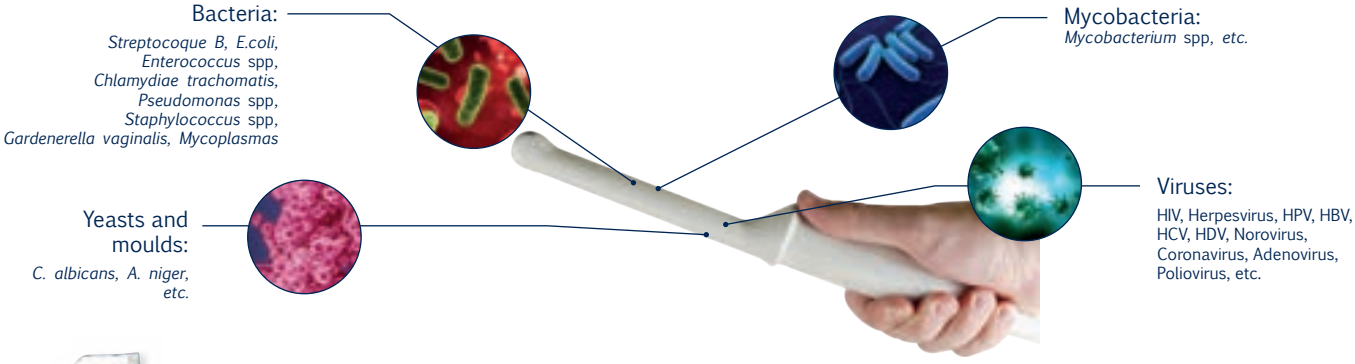
WHO ARE WE?

As a **family business**, Laboratoire Huckert's International develops and markets unique disinfectants and cosmetics that are **totally safe** and highly efficient for all of your cleaning and disinfection processes.

The reputation of our laboratory is based on the quality and technicality of its products, its dynamic teams and the subtle balance between **fine chemistry and plant power**.



WHY DISINFECT?





WHY DISINFECT?

IN the right temperature and in the presence of nutrients, micro-organisms replicate every 20 minutes. Thus a tiny quantity of pathogenic germs from a contaminated source may cause fungal, viral or bacterial cross-contamination and may be a source of infection.

It is essential to eliminate any risk of contamination with effective and controlled washing and disinfection procedures before each intervention. Only meticulous control can guarantee professional safety.

DID YOU KNOW?

A dangerous product does not mean an efficient product: There are **a number of European standards** to help you assess product efficiency. Test conditions must be as close as possible to actual conditions of use, and go beyond basic efficacy tests in suspension (in liquid phase).

"Disinfection is only effective after a surface has been cleaned": **alcohol, chlorinated compounds, peracetic acid, hydrogen peroxide, caustic soda** and many disinfectants have no **detergent properties**. Their disinfection properties are affected by the presence of protein contamination or other interfering agents and by their temperature of use.

OUR MISSION

Expert in high-level bio-decontamination and disinfection. Our mission is to ensure flawless disinfection of all pathogenic flora, even under interference conditions **(bacteria, yeasts, fungi, mycobacteria, spores, non-enveloped viruses and enveloped viruses) without causing undesirable side effects.**

"Do not replace a biohazard with a chemical hazard"



OPERATOR **FRIENDLY**



PATIENT **FRIENDLY**



EQUIPMENT **FRIENDLY**



ENVIRONMENTALLY **FRIENDLY**

Our products are **CMR-free, free from endocrine disrupters** and do not present **any risk of corrosion, burns or toxic vapour.**

pH neutral

✓FORMULA FREE FROM
→ CMR COMPONENTS
→ ENDOCRINE DISRUPTERS

We have always been committed to **manufacturing and controlling our biocides according to the same requirements as our medical devices.** All of our biocides comply with **European Biocide regulation No 528/2012.**

OUR ENVIRONMENTAL COMMITMENT

Sustainability is an integral part of our laboratory's quality management system.

Above all, we encourage our employees to adhere to our **Family Company Values. Quality, health and ethics are at the heart of all our approaches.**

From ensuring our products are non-toxic for the OPEE (Operator, Personnel, Equipment, Environment) to reducing our environmental impact as required by our business.

In order to control environmental risks, we follow the **path of continuous improvement** because nothing can ever be taken for granted. We **analyse, assess, estimate and improve the impact on the environment.**





- ✓ **No toxic or hazardous waste** for the environment in the manufacturing processes of our products.
- ✓ Environmentally friendly.
- ✓ Formulations enriched with **essential oils** and concentrated extracts of **medicinal plants.**
- ✓ "Cold disinfection" for **quick and easy action.**
- ✓ Ready-to-use sprays **with no propellant gas.**
- ✓ A **wide range** of concentrated products.
- ✓ Packaging made from a **green PE*** with a **negative carbon footprint**, and fully **recyclable.**
- ✓ A contribution to the **processing of recycled waste.**
- ✓ Economical **automatic** mixing and dosing **systems** called "ECONOMATIC".
- ✓ Consistent and traceable quality.

100% RECYCLABLE PLANT-BASED PACKAGINGS*

RECYCLABLE CARTONS, PACKAGING AND WIPES. REMEMBER TO SEPARATE YOUR WASTE!

** Subject to availability of the raw material.*

COLD DISINFECTION INNOVATION

UMONIUM 38®
master in disinfection

NO RESIDUE AFTER RINSING

100% RECYCLABLE PLANT-BASED PACKAGINGS*



** Subject to availability of the raw material.*



Non toxic | Flame resistant | Free from harmful vapours

WE OFFER THE ALTERNATIVE TO HAZARDOUS, CORROSIVE CHEMICAL PRODUCTS

pH neutral

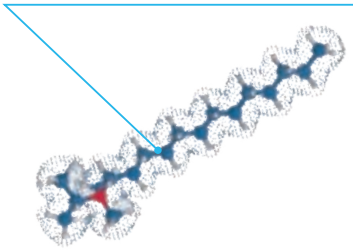
✓FORMULA FREE FROM
- ➜ CMR COMPONENTS
- ➜ ENDOCRINE DISRUPTERS

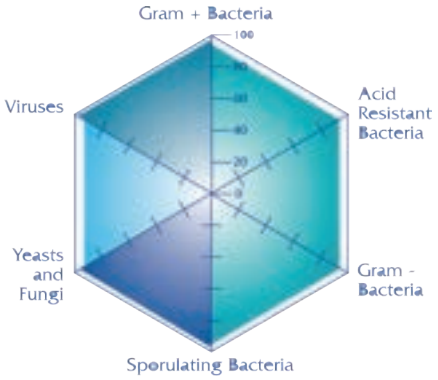
A DISINFECTANT TO SUIT EVERY NEED

It took 38 attempts to obtain the formula that combines **performance, speed, stability and neutral pH.**

The formulation of UMONIUM 38® demonstrates a considerably broader spectrum of activity. **Contact times are short and realistic. Use concentrations are low.** The surfactant nature of the formula provides both **a powerful action** of cleaning, high-level disinfection and the elimination of fatty film, protein and biofilm, by soaking, flow circulation, wet wiping, spraying, foam projection... Cold or hot.

Isopropyl-Tridecyl-Dimethyl Ammonium





A NEW CERTIFICATION FOR OUR MEDICAL DEVICES

In 2023, Laboratoire Huckert's International is undergoing **certification in compliance with regulation MDR (EU) 2017/745** relating to medical devices. It covers a wider scope of products compared to Directive 93/42/EEC and contains new classification rules. Major improvements required by the new regulation include:

- ✓ Enhanced compliance assessment (clinical assessment)
- ✓ Increased post-marketing follow-up
- ✓ Better traceability of products following the implementation of "UDI" (unique device identifier) codes
- ✓ Enhanced risk management
- ✓ Increased transparency with the introduction of European platform "EUDAMED"

Compliance with this **new regulation** of the quality system for Laboratoire Huckert's International is the guarantee of excellence for all our products used to treat your medical devices.

PROVEN EFFECTIVENESS

	SITUATIONS & CONDITIONS IN THE LABORATORY	REDUCED **BACTERIA**	REDUCED **FUNGI**	REDUCED **VIRUSES**	REDUCED **MYCOBACTERIA**	DISINFECTION PERFORMANCE
PHASE 1	**SCREENING TEST** 	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	LOW PERFORMANCE ★ Artificial assessment
PHASE 2 Step 1	**SUSPENSION TEST** 	**99.999% 5 log** EN 1276 EN 13727 *P. aeruginosa* *S. aureus* *E. hirae*	**99.990% 4 log** EN 1650 EN 13624 *C. albicans* *A. brasiliensis*	**99.990% 4 log** EN 14476 EN 14476 *Poliovirus 1* *Adenovirus 5* *Murine noro-virus*	**99.990% 4 log** EN 14348 EN 14348 *M. avium* *M. terrae*	INTERMEDIATE PERFORMANCE ★★ Limited validation
PHASE 2 Step 2	**TEST IN DRY CONDITIONS** 	**99.990% 4 log** EN 13697 **99.999% 5 log** EN 17387 EN 14561 EN 16615 *P. aeruginosa* *S. aureus* *E. hirae*	**99.990% 4 log** EN 13697 EN 17387 EN 14562 EN 16615 *C. albicans* *A. brasiliensis*	**99.990% 4 log** NA EN 16777 EN 17111 *Adenovirus 5* *Norovirus* *Vaccinia virus* *Parvovirus*	**99.990% 4 log** NA EN 14563 *M. avium* *M. terrae*	HIGH PERFORMANCE ★★★ Validation close to practical conditions
PHASE 3	**TEST IN PRACTICAL CONDITIONS** 	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	VERY HIGH PERFORMANCE ★★★★ Validation in practical conditions

MASTER STANDARD EN 14885: 2022

EN = European Standard
NA = Not Applicable

EN XXX = MD/Instruments EN XXX = Biocides EN XXX = Mechanical action

WHY USE OUR PRODUCTS?

UMONIUM 38®
master in disinfection

OUR DISINFECTING SOLUTIONS DERIVED FROM FINE CHEMISTRY

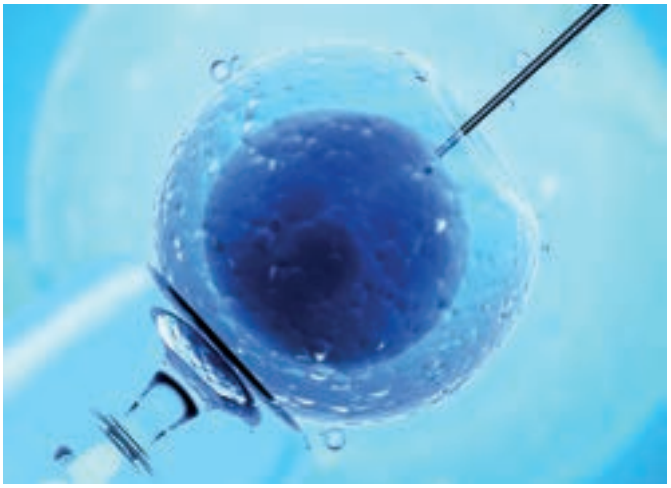
- WIDE BACTERICIDAL, LEVURICIDAL, MYCOBACTERICIDAL, VIRUCIDAL & SPORICIDAL SPECTRUM
- SAFE — FREE FROM CMR SUBSTANCES AND ENDOCRINE DISRUPTERS
- NO RESIDUE AFTER RINSING
- REALISTIC CONTACT TIMES
- STABLE
- FLAME RESISTANT
- NON-CORROSIVE
- FREE FROM HARMFUL VAPOURS
- NON-POLLUTING
- SURFACTANTS

PHYTOGEL®
By HUCKERT'S

OUR DERMATOLOGICAL SOLUTIONS DERIVED FROM MEDICINAL PLANTS

- NON POLLUTING
- NON-STICKY TEXTURE
- HYDROALCOHOLIC GELS — EFFECTIVE AGAINST MRSA AND CORONAVIRUS
- SAFE — INGREDIENTS SELECTED AMONG THE SAFEST INGREDIENTS
- FREQUENT USES
- SUITABLE FOR THE ENTIRE FAMILY
- DERMATOLOGICALLY TESTED
- 100% NATURAL FRAGRANCE
- FRAGILE SKINS
- FORMULAS WITH ESSENTIAL OILS

SUPPORTING YOUR BUSINESS SECTOR



From sampling and preservation centres, to laboratories, to the heart of the clinical unit, IVF/AMP services have to deal with very specific issues. Standard disinfection products are not suitable and may interfere with the success of the protocol.

It is imperative to use efficient products that meet the criteria for reproductive toxicity tests to account for their total safety on gametes and to reduce as much as possible in vitro stress that can alter the development of the embryo.

UMONIUM38® NEUTRALIS is the **only medical device-grade range** to date that meets **the highest standards of efficacy** on all pathogens while having validated the MEA (Mouse Embryo Assay) and HSSA (Human Sperm Survival Assay) reference tests .

The range can be used throughout the course to the clinical unit, without any chemical risk or interference. It optimises the chances of protocol success.

UMONIUM38®
NEUTRALIS



AMP LABORATORIES

VALIDATION MOUSE EMBRYO ASSAY

VALIDATION HUMAN SPERM SURVIVAL ASSAY

Faced with the risk of contamination and the sensitivity of gametes and embryos, it is essential to use optimally suited products in the laboratory that meet the highest performance standards for all pathogens and validate tests for the absence of reproductive toxicity (MEA, HSSA).

The effectiveness of commonly used products is unfortunately incorrectly characterised and increases the risks of contamination and protocol failures (MSC, incubators, all surfaces and equipment, ICSI equipment, cryopreservation equipment, Makler counting chamber, etc.).

CECOS

Within the centres, health safety and cleaning and disinfection procedures must not be neglected. Collection, cryopreservation and transport should be carried out under optimal conditions. The use of products that are not toxic to gametes, embryos and germinal tissues is strongly recommended.

SERVING YOUR INDUSTRY

CLINICAL UNIT

Throughout the clinical course, and regardless of the procedure performed (follicular puncture, intrauterine insemination, embryo transfer, etc.), it is imperative to control the infectious risk. It is inconceivable to use standard products without taking into account the risks of reproductive toxicity.

All medical devices directly involved, and ideally all surfaces, must be cleaned and disinfected using suitable medical device-grade products.

These products must not pose a chemical risk, nor be a source of stress on gametes and embryos, to limit the risk of failure (all surfaces and equipment in the operating theatre, suction pump, instrumentation, imaging/ultrasound equipment, etc.).

ULTRASOUND



Today there is a wide consensus on the contribution of ultrasounds in AMP, whether echo-guided or control ultrasounds.

New recommendations for disinfection of endovaginal probes have been issued, but the use of products such as chlorine dioxide or peracetic acid is incompatible with such sensitive procedures as AMP or obstetrics.

UMONIUM 38® PROBES wipes offer an excellent alternative, free from CMR substances or endocrine disrupters, and meeting the highest performance standards for all pathogens.

Their safety is verified including for the embryonic environment, and the protocol is greatly simplified.

Equipment manufacturers **ESAOTE, FUJIFILM Healthcare/HITACHI Diagnostic Imaging, GE Healthcare and SAMSUNG Medison** approve of UMONIUM38® PROBES wipes.

UMONIUM38®
PROBES





GE Healthcare esaote SAMSUNG MEDISON FUJIFILM

OUR SOLUTIONS TO SUIT YOUR LINE OF BUSINESS

1L = 200L of diluted solution

UMONIUM38® NEUTRALIS



Class IIb Medical Device

FLOORS, SURFACES AND EQUIPMENT

Particularly recommended **for high-risk environments**, the UMONIUM38® **NEUTRALIS** range offers fragrance-free, essential oil-free medical devices **with FULL safety verified including for the embryonic environment** (validations on Mouse Embryo Assay and Human Sperm Survival Assay).

Meeting **the dual challenge of performance and safety**, it validates the **highest standards of performance** while **meeting the criteria for reproductive toxicity and embryo toxicity tests.** It is used for the pre-disinfection and disinfection phases of the most sensitive invasive and non-invasive surfaces, equipment and medical devices.

100% RECYCLABLE PLANT-BASED PACKAGINGS*

VALIDATION MOUSE EMBRYO ASSAY

VALIDATION HUMAN SPERM SURVIVAL ASSAY

ISO 5 RECOMMENDED

Double-wrapped radiosterilisation: available by contract

FORMAT AND CAPACITY

- ✓ Concentrated solution for dilution at 0.5% or 2.5% for application by soaking or wet wiping.
- ✓ 1L of concentrate gives 200L of diluted solution (0.5%).

PACKAGINGS

25mL, 1L and 5L.

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Invasive and non-invasive medical devices
- ✓ Endovaginal probes
- ✓ Equipment
- ✓ Low and high surfaces
- ✓ Laminar flow hoods
- ✓ Instruments

CONTACT TIME

10 minutes.

500 sprays = 100 sqm

UMONIUM38® NEUTRALIS SPRAY



Class IIb Medical Device

FORMAT AND CAPACITY

- ✓ Ready-to-use spray with double nozzle (fine spray or foam) for application by wet wiping.
- ✓ 500 ml can treat a surface of 100 sqm.

PACKAGINGS

500 mL.

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Benches, MSC, incubators, chair, etc.
- ✓ Medical imaging equipment
- ✓ Cryopreservation and transport equipment
- ✓ Laminar flow hoods

CONTACT TIME

5 minutes.

1 Wipe = 3 sqm

UMONIUM38® NEUTRALIS TISSUES



Class IIb Medical Device

FORMAT AND CAPACITY

- ✓ Ready-to-use wipes for application by wet wiping.
- ✓ One wipe (20 x 20 cm) can treat a surface of 3 sqm.

PACKAGINGS

Single-dose pouch and dispenser box containing 100 wipes (20 x 20 cm).

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ All surfaces, equipment and non-invasive medical devices (MSC, benches, incubators, ICSI equipment, etc.)

CONTACT TIME

5 seconds.

1 Wipe = 3 sqm

UMONIUM38® PROBES



Class IIb Medical Device

PROBES

Specially developed for the disinfection of ultrasound systems, ultrasound and endocavitary probes, UMONIUM38® **PROBES** wipes are free from toxic fumes and kill germs after 5 seconds.

FORMAT AND CAPACITY

- ✓ Ready-to-use wipes for application by wet wiping.
- ✓ One wipe (20 x 20 cm) can treat a surface of 3 sqm.

PACKAGINGS

Single-dose pouch and dispenser box containing 100 wipes (20 x 20 cm).

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

- ✓ Treatment of endovaginal probes for gynaecological and ultrasound monitoring
- ✓ Ultrasound probes

CONTACT TIME

5 seconds.

** Subject to availability of the raw material. ** According to ISO 16128.*

OUR SOLUTIONS TO SUIT YOUR LINE OF BUSINESS

UMONIUM[38]®
WIPES

ISO 5
RECOMMENDED



DRY WIPES

100 dry wipes to be used in addition to our UMONIUM[38]® **NEUTRALIS SPRAY** range . High-strength disposable wipes for application on all surfaces and medical devices

Ecological and 90% **biodegradable** after 45 days and 100% after 76 days, our wipes are **environmentally friendly**. Recommended for controlled ISO 5 - 8 environments.



ABSORBENT: **1150%**
EXTRA STRONG

FORMAT AND CAPACITY

✓ Ready-to-use wipes

✓ Dispenser box containing 100 wipes

COMPOSITION

✓ Wood pulp (51%) and Viscose (49%)

PACKAGINGS

Dispenser box containing 100 wipes (20 x 20 cm)

EXAMPLES OF APPLICATIONS (CLEANING AND DISINFECTING)

✓ All surfaces, equipment and non-invasive medical devices (MSC, benches, incubators, ICSI equipment, etc.)

PHYTOGEL®
By HUCKERT'S
genesis

100%
RECYCLABLE
PLANT-BASED
PACKAGINGS*



HYDROALCOHOLIC GEL

ODOURLESS FORMULA ENRICHED WITH EMOLLIENT ACTIVE INGREDIENTS

Repeated use of hydroalcoholic solutions causes deep drying of the stratum corneum. The skin loses its elasticity and the slightest traction can cause a tear of the epidermal tissue. Management of cross-contamination first involves hand disinfection.

Enriched with emollient, moisturising and regenerating active ingredients, PHYTOGEL By HUCKERT'S® **genesis** deeply hydrates while guaranteeing hygienic and surgical grade disinfection.



FOR WHOM?

✓ All hands that need to be disinfected

HYGIENIC DISINFECTION
➥ Verified after *30 sec.*

SURGICAL DISINFECTION
➥ Verified after *3 min.*

PACKAGINGS

3 mL, 100 mL, 400 mL and 1 L.

PHYTOGEL By HUCKERT'S® genesis is a biocidal product. Use biocidal products with caution. Before use, read the label and product information.

NAME	PHOTO(S)	ITEM No	DESCRIPTION	CARTON
UMONIUM 38 NEUTRALIS		PF 15515	Easydose 25 ml	2 x 50 pieces
		PF 12510	1 L dispenser bottle	12 x 1L
		PF 12512	5L can with pump	4 x 5L
		EMB 0013	ECONOMATIC Complete kit pump - 0.5% dosing	1 piece
		EMB 0013 - 2.5%	ECONOMATIC Complete kit pump - 2.5% dosing	1 piece
		EMB 5101	Stainless steel mount for 5L can	1 piece
UMONIUM 38 NEUTRALIS SPRAY		PF 12608	500 mL spray bottle	20 x 500 mL
		EMB 0099	100 UMONIUM 38® Wipes	12 pieces
UMONIUM 38 NEUTRALIS TISSUES		PF 10769	Box of 100 precut units (20 x 20 cm)	6 x 100
		PF 10779	500 individual pouches (20 x 20 cm)	500 x 1
UMONIUM 38 PROBES		PF 10800	Box of 100 wipes (20 x 20 cm)	6 x 100
		PF 12800	Dispenser box	2 x 50 pieces
PHYTOGEL By HUCKERT'S genesis		PF 20805	Pocket-sized bottle 100 mL	28 x 100 mL
		PF 20810	Bottle 400 mL	15 x 400 mL
		EMB 6075	Easydose 3 mL	500 x 3 mL
		EMB 6100	Stainless steel mount for 400 mL bottle	1 piece
		EMB 1253	Automatic wall dispenser	1 piece
		EMB 1252	Manual wall dispenser	1 piece
		PF 20822	1L refill for manual and automatic dispenser	11 x 1L

UMONIUM®38

INFECTION CONTROL KIT



UMONIUM®38 ICK is your monitoring tool to check the disinfection performance on various environments treated. You can use it to assess the relevance of applied procedures and measure the efficacy of products used.

In order to perform well in an area, one has to be able to assess it. This Infection Control Kit will provide accuracy and control of your instructions with your teams.

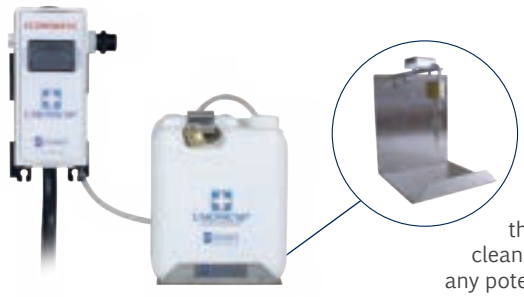
ITEM No	DESCRIPTION	CARTON
PF 40006	Incubator + consumables (100 Petri dishes, 100 labels and 1 traceability logbook)	1 kit
PF 40007	Consumables (100 Petri dishes, 100 labels and 1 traceability logbook)	1 kit
EMB 5040	Incubator	1 piece



UMONIUM®38

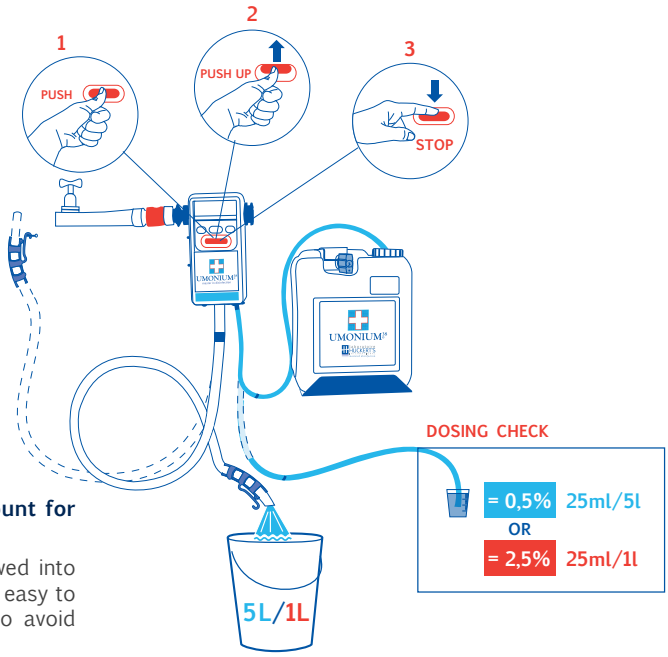
ECONOMATIC

5L drums are directly connected to the **ECONOMATIC** dosing station. This system provides simple and very precise dosing. It does not require complicated concentration calculations. Simply push the button and the control panel will dispense the required quantity.



Stainless steel mount for 5L can

Designed to be screwed into the wall, it is solid and easy to clean. It includes a lock to avoid any potential theft.



NOTES: .....

NOTES:

NOTES:

NOTES:

laboratoire HUCKERT'S INTERNATIONAL

SINCE 1957



MONEY-BACK GUARANTEE

You have a money-back guarantee on **Huckert's International Laboratory products**.
Only a passionate manufacturer can bring you such quality.

MADE IN BELGIUM · CERTIFIED COMPANY SGS · 100% GUARANTEED · ECO FRIENDLY

BELGIUM
20 Avenue Lavoisier
1300 Wavre
Tel.: +32 (0)67 89 41 00

FRANCE
38 Avenue du Centre
78230 Le Pecq-sur-Seine
Tel.: +33 (0)1 3976 1505

GD LUXEMBOURG
177 Rue du Luxembourg
L 8077 Bertrange
Tel.: +352 26 39 42 60

SWITZERLAND
10 Avenue de Belmont
1820 Montreux
Tel.: +32 (0)67 89 41 00

ITALY
20 Via Giulio Natta
05100 Terni
Tel.: +39 0744 80 03 87

SINGAPORE
16 Raffles Quay, #16-02
Hong Leong Building, Singapore 048581
Tel: +65 983 45 333

WWW.HUCKERTS.NET - INFO@HUCKERTS.NET

FP00937 EN - Ed 1.2 - 06/2025 - *Product photos are non contractual.*