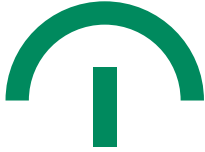




**Terragene®**



# **Solutions to guarantee safety in Dental Clinics**



Let's work together  
to create a better future



## **Safety matters**

The ultimate in patient safety and compliance allowing your sterilization area to operate at the highest performance level.



# Indicators for Cavitation Capacity test for Ultrasonic Washers



## CDWU-Z

Control of cleaning and washing of instruments and dental materials is highly important since its outcome affects the success of subsequent disinfection and/or sterilization processes.

✓ Reliable results in routine control of ultrasonic washers.

✓ High confidence and reliability to reveal deficiencies in the cavitation capacity of ultrasonic washing machines.

✓ Developed for releasing the ultrasonic washer together with the washing solution before the washing procedure.



UNPROCESSED



LOW CAVITATION  
CAPACITY



HIGH CAVITATION  
CAPACITY

# Indicators for Cleaning Efficiency test for Ultrasonic and Thermodisinfection Washers

- ✓ 2 challenge levels.
- ✓ High level of accuracy and reproducibility to reveal deficiencies in the washing process.
- ✓ Non-toxic organic formulation that guarantees a long shelf-life.



**CDWA3**  
Challenge level:  
High



**CDWA4**  
Challenge level:  
Very high

## UNPROCESSED



## FAILURES



## ACCEPT



**Failed sterilization results cause the following problems:**

- > Incredible time waste for office personnel in retracing instruments used on patients during the time lapse.
- > Possible legal issues and liability to patients possible during surgical procedures that may have post surgical infections (whether or not they were caused by the failed sterilization or not).
- > Time involved in retesting and verifying the sterilizer is operating properly according to Guidelines.



**Innovative & Intelligent Biological Monitoring & Instrument Processing Technology**

Terragene® offers the following solutions for biological monitoring-results in 20 minutes!

**Ultra Rapid Biological Indicator**

20 minutes results using our MiniBio or our IC1020FR Auto-Reader Incubator.



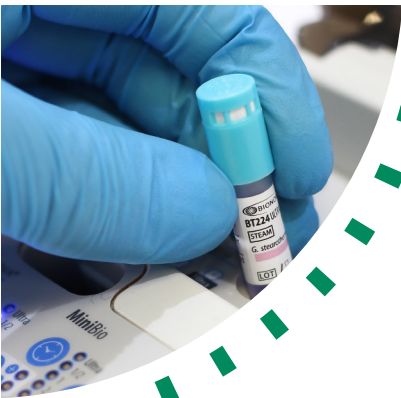
**Process Challenge Device (PCD)**

Test pack for Steam sterilization processes.  
20 minutes results using our MiniBio or our IC1020FR Auto-Reader Incubator.

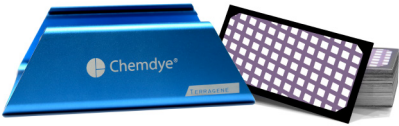


Terragene® offers  
**FAST, RELIABLE &  
TRACEABLE RESULTS!**

20'



# Bowie-Dick Test Card



- ✓ Designed to monitor the effectiveness of air removal in vacuum-assisted steam sterilizers at 132 °C, 4 min and at 134 °C, 3.5 minutes.
- ✓ A heterogeneous color change indicates presence of an air pocket during the sterilization cycle thus indicating sterilizer malfunction.
- ✓ BD8948H is a stainless steel re-usable holder for keeping BD8948X Test Card in place for proper assessment of sterilization cycle.
- ✓ Eco-friendly and more sustainable than B&D test pack.

# Bowie-Dick Test Pack



Consist of a chemical indicator sheet between porous material sheets and wrapped forming a package, with a steam indicator label. Designed to detect air leaks, inadequate air removal and steam penetration level in vacuum-assisted steam sterilizers. To be used daily, before running the first load of the day, after a sterilizer is installed or relocated, after a sterilizer malfunction, after sterilization process failures and after any major repairs of the sterilizer.

# Multiparameter Indicators & Chemical Integrators for Sterilization Control

- ✓ Allows the verification of Steam sterilization cycles, ensuring that all critical process parameters (temperature, time, steam quality) have been met.
- ✓ Show a drastic color change when exposed to the sterilization agent.

Example: Type 5 Integrator: IT26-C

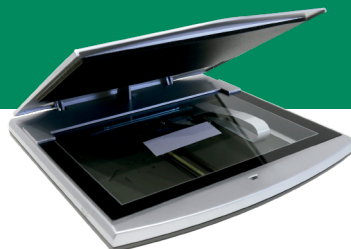
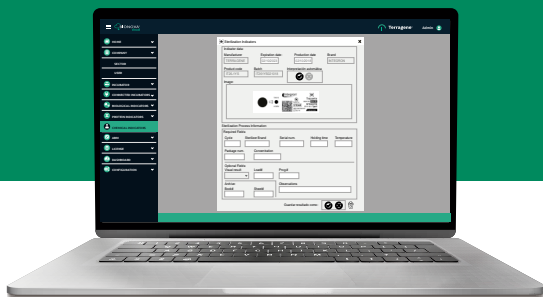




## Automatic System for Quality & Traceability Control of Washing & Sterilization processes

No mail in system can compete with this in office system. No 24 hour in office system can compete with these fast results. No current system offers complete traceability and historical data connected to your in house system.

**Keeping track of results has never been easier!**



Get full SPD quality control & traceability through Bionova® Cloud software

PRODUCT CODE	DESCRIPTION	UNITS / PACKAGING
CLEANING AND HYGIENE CONTROL		
CDWU-Z	Ultrasonic cleaning indicator	6 or 30 units per box
CDWA3/ CDWA4	Cleaning indicators	200 units per bag
CDWAH-U	Cleaning indicators holder for CDWA cleaning indicators	1 unit per box
KPRO2-E69	Kit system for detecting residual protein on surfaces	50 units per box
PRO1 MICRO	High sensitivity pen system for the detection and quantification of surface proteins and allergens	20 or 100 units per box
MiniPro	Auto-Reader incubators for hygiene monitoring systems	1 unit per box
BIOLOGICAL INDICATORS FOR STERILIZATION CONTROL		
BT220	<b>STEAM</b> SCBIs for Steam sterilization. Final readout: 3 hours.	50 units per box
BT221	<b>STEAM</b> SCBIs for Steam sterilization. Final readout: 1 hour. For Immediate-Use Steam Sterilization (IUSS)	50 units per box
BT222	<b>STEAM</b> SCBIs for Steam sterilization. Final readout: 1 hour.	50 units per box
BT223	<b>STEAM</b> SCBIs for Steam sterilization. Final readout: 30 minutes. For Immediate-Use Steam Sterilization (IUSS)	50 units per box
BT224	<b>STEAM</b> SCBIs for Steam sterilization. Final readout: 20 minutes.	50 units per box
MiniBio	Auto-Reader incubators for incubation and readout of Bionova® rapid fluorescence readout SCBIs. 3 positions.	1 unit per box
IC1020FR	Auto-Reader incubators for incubation and readout of Bionova® rapid fluorescence readout SCBIs. 12 positions for SCBIs, 1 position for Protein Pen.	1 unit per box
IC1020FRLCD	Auto-Reader incubators for incubation and readout of Bionova® rapid fluorescence readout biological indicators. 12 positions for SCBIs, 1 position for Protein Pen. 3.5 " touchscreen LCD.	1 unit per box
PCD220-2 PCD222-2 PCD224-2	<b>STEAM</b> Test pack for Steam sterilization processes. Contains: porous cards system holding a SCBI and a Type 5 integrator indicator printed on a self-adhesive record card. PCD220-2: Final readout: 3 hours PCD222-2: Final readout: 1 hour PCD224-2: Final readout: 20 minutes	1 kit x 25 PCDs + 1 box x 25 SCBIs
PCD220-C PCD222-C PCD224-C	<b>STEAM</b> Test pack for Steam sterilization processes. Contains: porous cards system holding a SCBI, a moving-front Type 5 integrator indicator and a self-adhesive record card. PCD220-C: Final readout: 3 hours PCD222-C: Final readout: 1 hour PCD224-C: Final readout: 20 minutes	1 kit x 25 PCDs + 1 box x 25 SCBIs
CHEMICAL INDICATORS FOR STERILIZATION CONTROL		
BD125X/1	Bowie-Dick Test Pack with Warning Sheet	20 units per box
BD8948X/1	Bowie-Dick Test Card	120 units per box
KBD8948X/1	Bowie-Dick Test Card Kit	120 units per box + Holder
CT22	<b>TYPE 1</b> Indicator tape for Steam sterilization processes.	1 roll of 50 m x 19 mm
CD29	<b>TYPE 4</b> Multivariable indicators for Steam sterilization processes.	250 strips per bag
IT26-C	<b>TYPE 5</b> Moving front integrator indicator for Steam sterilization processes.	100 or 250 units per bag
IT26-1YS	<b>TYPE 5</b> Unique point integrator indicator for Steam sterilization processes.	200 or 500 units per bag
Trazanto Analyzer	Automatic quality control system for chemical indicators.	1 unit per box

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to create a better future

