TYLER
Advanced Corrosion Technologies

Tyler Advanced Corrosion Technologies (TACT) works with clients to mitigate corrosion.

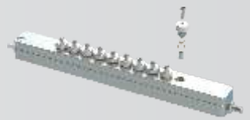
Our services range from supply of TACT Tools and biostuds to complete turnkey solutions for the analysis and treatment of microbiologically induced corrosion.

TACT Tools are ideal for active monitoring of water injection systems and process water used in land-based and offshore drilling operations.

In addition, the monitoring devices serve pipelines, water treatment plants and pulp and paper mills, and have been used onboard NASA manned space flight missions.

INDUSTRIAL TACT TOOLS








Monitoring with TACT Tools leads to:

- **Reduced Operating Costs**
- **Extended Infrastructure Life**
- **Fewer Leaks and Equipment Failures**
- **Improved Environmental and Regulatory Compliance**

Prescriptions for Industrial Health

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a division of Tyler Research Corporation

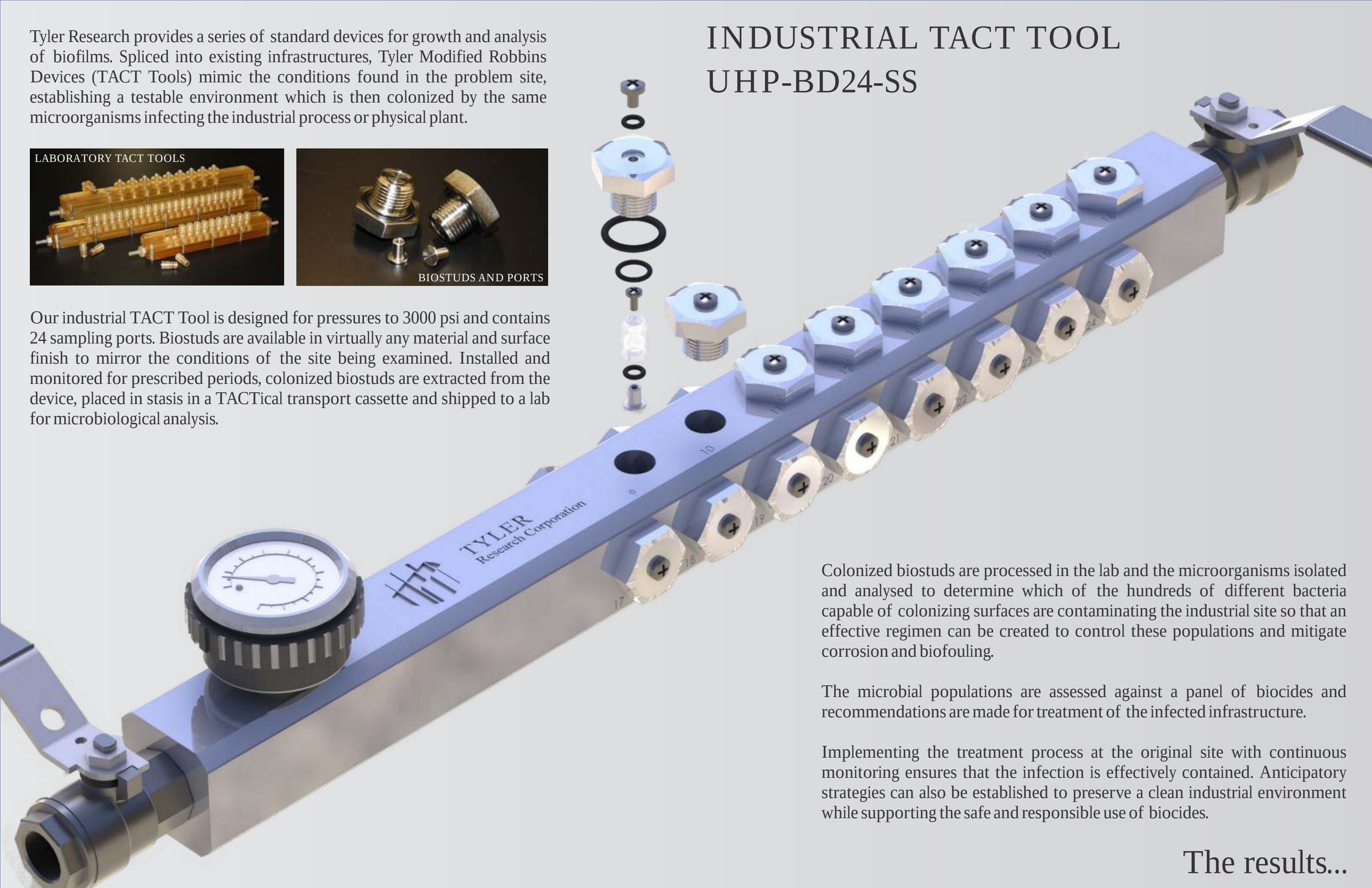
INDUSTRIAL TACT TOOL
UHP-BD24-SS

Tyler Research provides a series of standard devices for growth and analysis of biofilms. Spliced into existing infrastructures, Tyler Modified Robbins Devices (TACT Tools) mimic the conditions found in the problem site, establishing a testable environment which is then colonized by the same microorganisms infecting the industrial process or physical plant.

LABORATORY TACT TOOLS

BIOSTUDS AND PORTS

Our industrial TACT Tool is designed for pressures to 3000 psi and contains 24 sampling ports. Biostuds are available in virtually any material and surface finish to mirror the conditions of the site being examined. Installed and monitored for prescribed periods, colonized biostuds are extracted from the device, placed in stasis in a TACTical transport cassette and shipped to a lab for microbiological analysis.



Colonized biostuds are processed in the lab and the microorganisms isolated and analysed to determine which of the hundreds of different bacteria capable of colonizing surfaces are contaminating the industrial site so that an effective regimen can be created to control these populations and mitigate corrosion and biofouling.

The microbial populations are assessed against a panel of biocides and recommendations are made for treatment of the infected infrastructure.

Implementing the treatment process at the original site with continuous monitoring ensures that the infection is effectively contained. Anticipatory strategies can also be established to preserve a clean industrial environment while supporting the safe and responsible use of biocides.

The results...