

# Carestream NDT Eco-Friendly Chemicals

## For Non-Destructive Testing

ACHIEVING A HIGHER STANDARD FOR PROTECTING PEOPLE AND THE ENVIRONMENT.



INDUSTREX DX Developer  
INDUSTREX FX Fixer



# Carestream NDT Eco-Friendly Chemicals

INDUSTREX DX Developer

INDUSTREX FX Fixer



## Take Human and Environmental Protection to the Next Level

Working hard in tough conditions, NDT personnel test a wide variety of materials in order to find defects that could compromise human health and environmental safety. Along with them, Carestream NDT is always striving to keep the world a safer place through our outstanding commitment to product innovation. Because of this, we have developed and added new environmentally-friendly INDUSTREX DX Developer and INDUSTREX FX Fixer processor chemicals to our line of INDUSTREX products that are specially formulated to deliver optimal results with all Carestream NDT film products.

## A Higher Standard to Protect People and the Environment

Fully compliant with REACH, these new chemicals are environmentally friendly and designed to work with Carestream NDT Film and processors, developed through our extensive experience in film and chemistry for non-destructive testing.



Our new hydroquinone-free developer and borate-free fixer produce excellent results while minimizing the impact on the user and environment.



## Odorless Hydroquinone-Free Developer and Borate-Free Fixer

- Optimized for use with Carestream NDT film processors to deliver outstanding performance.
- Suitable for use with all NDT film processing systems.
- Odor-free processing chemicals, pleasant to use without an undesired odor.
- Both chemicals can be used for manual or automatic processing.
- Highly concentrated solution in two 5 Liter containers makes 40 Liters of solution, minimizing packaging waste.
- Developer works with Ascorbic Acid (Vitamin C) instead of Hydroquinone.
- Less cleaning effort for silver deposits.
- The polyethylene containers and cardboard packaging are both fully recyclable.
- Shelf life of 24 months, the same as regular INDUSTREX chemicals.
- Processed film life expectancy is unaffected, to ensure secure archiving.





## Use with All Carestream NDT Processors with No Change to Replenishment Rate.

- Easy to use. Simply continue to follow the Carestream NDT processing cycle standard replenishment rates for your processor.
- Replenishment rates: Developer is 665 ml per square meter and Fixer is 1200 ml per square meter.
- For optimum processing:
  - Set developer temperature to 28°C, immersion time 100 seconds
  - Or
  - Set developer temperature to 26°C, immersion time 146 seconds
- It is recommended to add INDUSTREX starter solution to your freshly mixed developer tank solution before commencing processing.
- Manual processing developer immersion time/developer temperature equivalency is the same as conventional INDUSTREX chemicals. Starting point is 4 minutes development time at 22°C.

### Making the Switch to the NEW Carestream NDT Eco-Friendly Chemicals is Easy.

1. Drain the processor tanks and replenishment systems of conventional processing chemicals.
2. Thoroughly rinse processor tanks and replenishment systems with water.
3. Replace developer tank filter.
4. Add the new Carestream NDT Eco-friendly developer and fixer solution at the recommended dilution levels. Follow the recommended processing cycle for development time and temperature.

*Note: Do not mix conventional processing chemicals with the new eco-friendly chemicals.*

Our Eco-Friendly chemicals work in all NDT processors, including INDUSTREX processors.



# Carestream NDT Eco-Friendly Chemicals

## For Non-Destructive Testing

### Safe to Transport Across Borders

Environmentally friendly, there are no transportation restrictions for road, rail, water or air. They are temperature stable – making them ideal for service providers or mobile labs performing non-destructive testing in multiple countries.

### Carestream NDT Roller Transport Cleanup Film for Superior Results

Wherever you are testing, Carestream NDT Roller Transport Clean-Up Film removes precipitates, dirt and other deposits on your processor transport rollers, ensuring that you get the clearest images possible.

- The double-sided, non-silver, gelatin-coated film is recommended for use daily, prior to commencing radiographic processing.
- It is recommended for use after an extended period of idle time (typically longer than four hours).
- Carestream NDT Clean-Up Film is useful in controlling processing artifacts in automatic processors.
- Roller Transport Clean-Up Film comes in boxes of 100 sheets of 35cm x 43cm. Order CAT 1224310.



### New INDUSTREX Eco-Friendly Chemicals Available to Order

INDUSTREX DX Developer 2x20L	CAT 5504923
INDUSTREX FX Fixer 2x20L	CAT 5504931

**CARESTREAM NDT AND YOU.  
WE'RE BETTER TOGETHER.**

[carestream.com/ndt](https://carestream.com/ndt)

