



NEO stands for our new generation of compact benchtop inspection systems bringing usability and flexibility to the next level. The NEO DPX is a compact benchtop CCI testing system that combines several pressure and vacuum decay test procedures in one system and allows the container closure integrity testing of various packaging and product types.

The main characteristics of the NEO DPX are:

- **Sensitive:** New generation of vacuum decay test procedure with enhanced sensitivity.
- **Intuitive:** New HMI for intuitive operation and a high level of operator friendliness.
- **Compact:** The smallest CCI Testing system for the use in lab environments.

## Key Benefits

- Versatile use in terms of packaging and product types and sizes
- Three DP measuring technologies in one system
- Improved sensitivity of the DP measurement technology
- User friendly design of sample handling and HMI
- Intuitive operator support by LED status bar
- Customizable interface by means of widgets
- Enhanced recipe management system
- Easy to clean and sterilize due to ergonomic design and material
- Compact design requires low space
- Deterministic test method preferred acc. USP1207

## Additional Features

- One-hand operation
- Operator guidance system
- Simplified connection to SCADA/MES systems
- Enhanced batch handling system
- Simple format changeover
- Integrated UPS for prevention of data loss

## Technical Specifications

Package Types	Vials, ampoules, syringes, cartridges and other package types
Format Range	Vials: 1ml – 100ml Ampoules 1ml – 20ml Syringes, 0,5ml – 10ml Cartridges 1ml – 3ml
HMI	12.1" color display New WilOp 2.0 LED status bar
CCI Test Procedures	LFC method® Vacuum decay (acc to. ASTM F 2338) Pressure decay
Sensitivity	Down to 5.0e-04 mbar.l/s (correlates to leak with a diameter of 1.1 µm)
Data Management	SQL Database 21 CFR Part 11 compliance
Materials	Stainless steel, Aluminum, Glass, POM
Dimensions	553 mm x 529 mm x 445 mm
Weight	40 kg
Power supply	100 – 230V, 50/60Hz Integrated UPS
PLC	B&R PLC Control Setup acc. PackML standard
Vacuum/Pressure supply	Integrated, for LFC method® external pump
Interfaces	USB ports (IP67) x2x-link Ethernet
Software	Windows 10

## Further Applications / Technologies of WILCO Systems

### Application

Leak detection  
Headspace analysis  
Cosmetic visual inspection  
Particle detection  
Residual moisture measurement at lyo products  
Product specific leak detection

### Technology

Vacuum / pressure based technologies (V/P)  
Laser absorption spectroscopy (HSA)  
Camera based inspection (VISION)  
Low energy X-Ray technology (X-RAY)  
Near infrared technology (NIR)  
Mass spectrometry (MS)

**WILCO AG is an innovative and reliable partner with more than 40 years experience in quality assurance technologies and provides a worldwide support and distribution network.**

### WILCO AG

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