



SOFTWARE FOR END-OF-LINE FUNCTIONAL TESTS OF HVAC APPLIANCES AND COMPONENTS

Parseq is a powerful platform based on NI-LabVIEW software. This application facilitates parallel testing sequences to minimize testing time while assuring that quality products go out the door. Parseq has been developed over the past 35 years and Microplan continuously improves its features and performance based on their experience with customers worldwide.

2 Licenses available to match skill and flexibility requirements

Features	Parseq Licenses	
	ESSENTIAL	FULL
Customize operator instructions (text, photos, video)	✓	✓
Modify values and thresholds for an existing test sequence	✓	✓
Copy existing test sequences and modify its values and thresholds	✓	✓
Modify the structure and logic of an existing sequence	✗	✓
Create a new test sequence	✗	✓
Customize a “Standby Sequence” for barcode or data saving management	✗	✓

Parseq ESSENTIAL license is included with End-of-Line test benches for appliances (boilers, water heaters, heat pumps, furnaces, etc.) or components (fans, pumps, valves, etc.).

Parseq FULL license is available with a one-time cost for each PC installation. To realize the maximum benefits of the FULL license, Microplan strongly suggests our 20-hour training session in either in-person or remote format.

Feature	Benefit
<ul style="list-style-type: none"> Parallel Testing 	Maximizes testing speed by automatically managing parallel tests. With a full Parseq license, customers can add a new test and the software will implement it, as desired, in parallel with other tests. For example, electrical safety tests can be performed in parallel with a gas leakage test and programming of the appliance control.
<ul style="list-style-type: none"> Conditional Paths 	Simplify sequences for lightning-fast operation. Instead of creating test sequences for each condition, Parseq allows a technician to create conditional paths to incorporate a sequence segment into multiple sequences. Saving time and reducing errors.
<ul style="list-style-type: none"> Customizable Operator Instructions 	Easy to access dialog boxes allow technicians to update instruction messages. Clearly communicate test instructions and allow multiple languages.
<ul style="list-style-type: none"> Help Files 	Clear consistent instructions embedded in the screen display can include text, photographs, or even videos to guide the operator and assure consistent results.
<ul style="list-style-type: none"> Communication Protocols 	Access sensor readings and compare results with test bench sensors to assure correct operation and alert operators to potential problems. Automatically record error codes.
<ul style="list-style-type: none"> Controller Programming 	Reduced required inventory by programming product and model specific parameters at final test.
<ul style="list-style-type: none"> Onboard Diagnostics 	Quickly analyze system operation using onboard diagnostics to minimize downtime and keep production going.
<ul style="list-style-type: none"> Calibration Access 	Access calibration values from the computer display to maintain accuracy and repeatability.
<ul style="list-style-type: none"> Database Integration 	Test data is automatically captured and stored on the test bench. Microplan will also assist customers to set up automatic downloads to company servers.

***Specifications subject to change without notice**

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