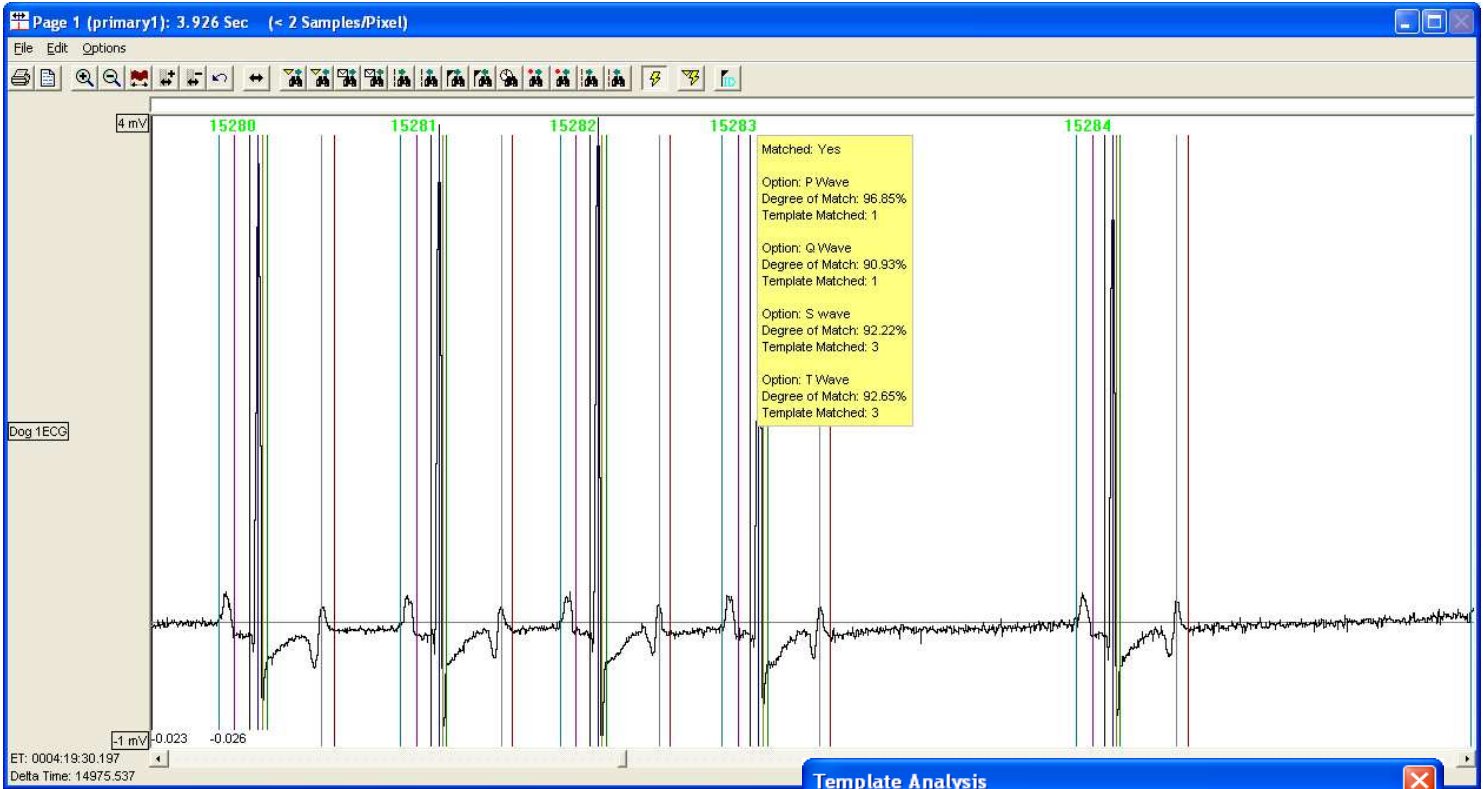




ECG PRO



Analysis graph above with ECG PRO matched cycles in green.

The Data Sciences International ECG PRO (*Pattern Recognition Option*) Analysis Module option is a fully integrated solution that provides researchers with additional flexibility for analyzing ECG signals post acquisition.

ECG PRO complements Ponemah's Standard ECG Analysis software that allows the user to analyze data in real-time or re-analyze portions or all of the data post acquisition, as well as manually add or move interval marks and filter noisy signals.

With ECG PRO, researchers have even more ECG analysis options and finer control. ECG PRO can reduce processing time with its ability analyze specific regions of the ECG wave form and apply analysis only to unmatched cycles.

Template Analysis

| Match Region | Name | Minimum Match (%) | |
|-------------------------------------|--------|-------------------|-------------|
| <input checked="" type="checkbox"/> | P Wave | 85 | Advanced... |
| <input checked="" type="checkbox"/> | Q Wave | 85 | Advanced... |
| <input checked="" type="checkbox"/> | S Wave | 85 | Advanced... |
| <input checked="" type="checkbox"/> | T Wave | 85 | Advanced... |

Data Range

- Visible region in the graph page
- Region from the left edge of the graph page to the end of the data
- Data in Parser Segments
- The entire channel

Cycles To Analyze

- All
- Unmatched

Match Method

- Whole Cycle
- Region

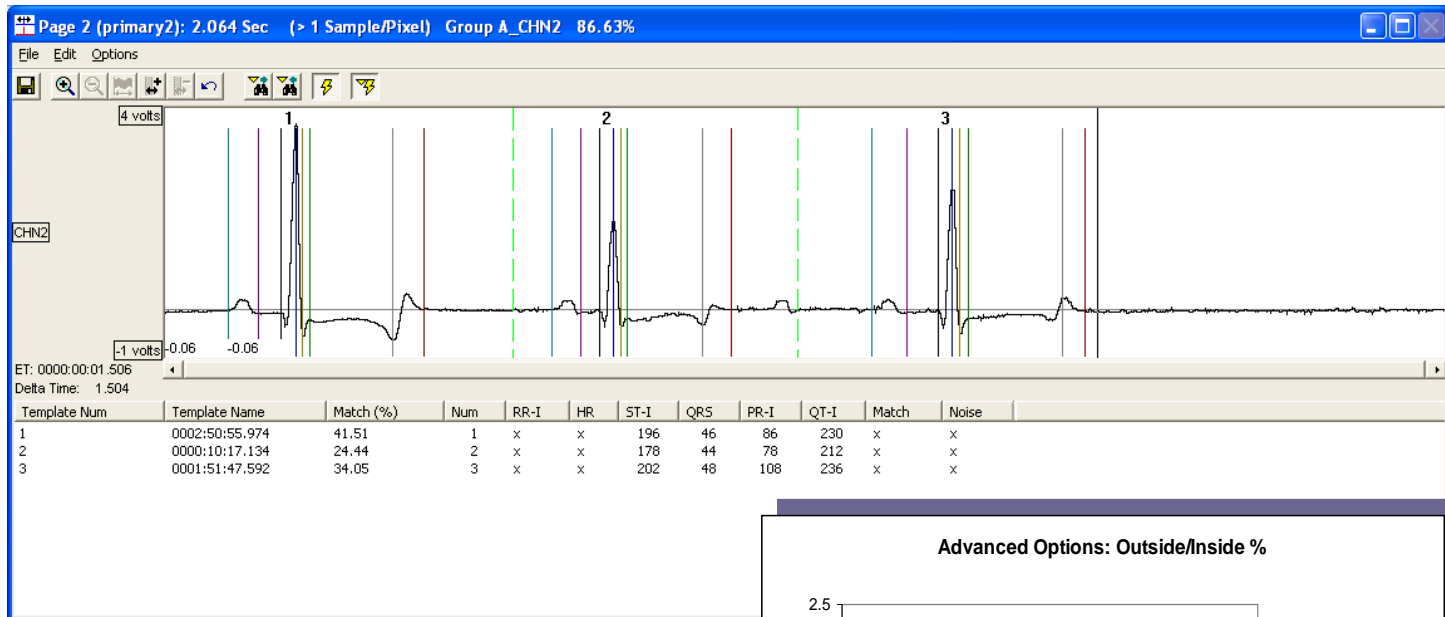
Species

Dog (Set in P3 Setup : Group)

OK Cancel

Technical Data Sheet

Models PNM-010-TMPLTE & PNM-110-TMPLTE ECG Pattern Recognition Analysis Module



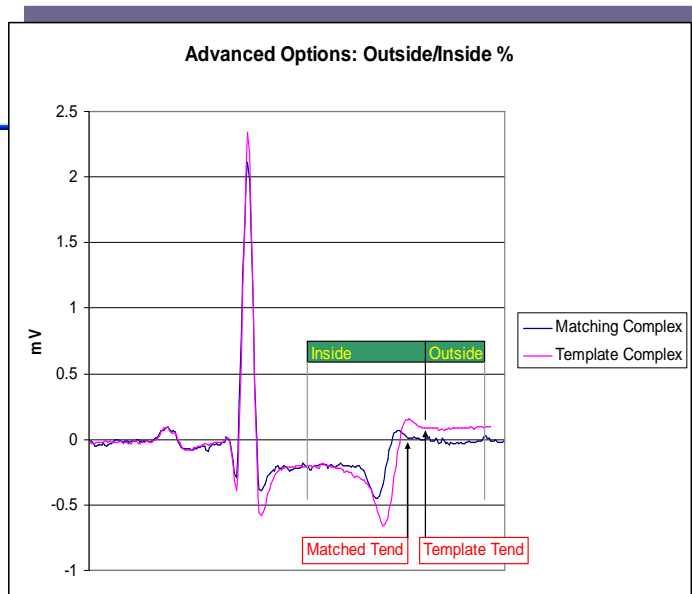
ECG PRO template library graph shown above.

Process for analyzing is:

- User selects ECG cycles for inclusion in the Template Library
- User defines the match criteria
- ECG PRO Analysis evaluates the match
- Marks and Derived Parameters are updated

Template libraries can be saved and applied to subsequent datasets and analysis.

Template validation marks are editable within the Template library.



ORDERING INFORMATION

| Part Number | Description |
|----------------|--|
| PNM-010-TMPLTE | ECG Pattern Recognition Option (Existing Acquisition Systems with PNM-ECG100W) |
| PNM-110-TMPLTE | ECG Pattern Recognition Option (Includes PNM-ECG100W) |
| PNM-210-TMPLTE | ECG Pattern Recognition Option (Existing Enhancement Agreement) |
| PNM-ECG100W | Electrocardiogram (ECG) Analysis Software Module |

*Specifications are current at publication.
Due to DSI's continuing product improvement program,
specifications may change without notice.*

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