Left Side Bar has multiple user experience controls: Current Measurement, Sample Results, Current Methods, Measuring Diagnostics & more.

Measurement Data, Current Measurement, Results, Reports, Approvals and various tabs will open in this section.

Right Side Bar activates current module Controls (if docked) and Help.

Top Menu Bar houses the main menu and informs the operator about the module status.

Layout Structure
Options allows Advanced Operator to enable 21 CFR Part 11 Features, Advanced Smoothing and Languages. Note: Once 21 CFR Part 11 is enabled operator cannot revert back.

Default Electronic Signature Settings can be set for all sample results. Note: If minimum Reviewers are set to “0” the Result only needs Approval.
Software automatically recognizes module change
Naviga&on Wheel is activated on mouse right click or a 2 sec finger-to-monitor touch.

Activating Navigation Wheel
Docking a Virtual Module

1. Click Help and then scroll down until you see a drop down menu below Hardware.

2. Click dropdown and then select appropriate Virtual Demo Module.
Module alerts operator that module is Connected and either Ready or Not Ready. Device status informs operator specific details about the Module that is Connected.

Controls gives the operator precise software controls with each module (different controls per module).

Device Status alerts operator device status of each module along with their differentiated characteristics. Tx & Rx lights notify the operator (red is good) that communication is happening between Bench and ADAPT Software.

Diagnostic Alerts
Procedure settings are the first steps for an Administrator to start creating a Method. Module does NOT have to be docked to bench to create a Method; however, Module Type selected must be docked before measurement can start.

Published activates the Method as approved by either the Admin or Advanced Operator and will be available in the Methods list for use by Operators.

Mouse over information icons to learn more about that feature.

Start the process by pressing the Create New Method.

Duplicate Existing Method quickly creates a new method by duplicating the selected Method.

How To Create A Method
Module Settings allows the operator to configure specific module settings to best support sample material requirements. These settings provide precise materials distribution and accurate and repeatable measurements.
Advanced Settings provides different solve property options for the operator to choose from. These options can be changed even after a sample is run to see differences.
Sample Properties allows the operator to create and/or select optical properties for their particular sample material and carrier fluid (solvent). The operator can easily import/export optical models.
How to Create an Optical Model

1. Press the “New” button in the “Optical Model” field.
2. Type in the name of the new Optical Model.
3. Select a Material in the drop down or click “Manage Materials” and enter ALL of the appropriate “Refractive Indices” for your new material.
4. Select a Carrier Fluid in the drop down or click “Manage Carrier Fluids” and enter ALL of the appropriate information.
5. Save Optical Model so it will be available in the Optical Model drop down.

***Refractive indices for materials and carrier fluids are supplied for reference only. It is recommended the values be verified prior to use***
Sample Properties allows the operator to create and/or select optical properties for their particular sample material and carrier fluid (solvent). The operator can easily import/export optical models.
Electronic Signature settings can be automatically set or allow user to decide right before each sample is taken/recorded.

Note: If minimum Reviewers are set to “0” the Result only needs Approval.
Post-Processing reduces clicks and provides an opportunity to organize samples by methods that automatically save to repeatable file locations.
Choose specific Method that is intended for sample material.

Start Measurement can only be initiated if all User Input Prompts are filled out that have an *asterisk next to the name.
Diagnostic Alerts are visible during the entire time and communicate status to the operator. Flux Data & Laser Alignment are graphically displayed for operator confidence in instrument readiness.
Approvals communicate to all Users the number of samples that are ready to be reviewed and/or approved. The white number in the red circle represents the number of results that are in the queue (need review and/or approval).
Electronic Signature settings in Method Settings was set to 1 Review; therefore, 1 Review is needed before Result can be Approved.

This Result has NOT been reviewed/signed because it is Grey.
Result boxes turn **Green** when they are ready to be **Approved**.

This Result is ready to be Approved. Once Approved, the Green box and this result will disappear.
Approval # and the red circle are gone.

Green box is gone.
Automatic Pass/Fail Check settings found in Configure Statistics.
Check parameter(s) of interest, check Pass/Fail Enabled, input desired Min Values and Max Values.
Easily save configure statistics with individual methods.
How to Overlay Existing Data

Activate Navigation Wheel, click on Overlay Data.
Select one or multiple files (ctrl + click).

Operator may need to select file type.
How to Create Report

1. Activate Navigation Wheel,
click on Report.
Measurement Results Overlay

Sample Information

Date/Time: 9/21/2018 12:56:45 PM
Device: 12345678
Method: Demo Test
Material: Graphite
Sample ID: ABC
Batch#: 22

User: Joe Dabbs
Module: Dry Powder System
Sample Properties: Demo Optical Model
Carrier Fluid: Air
Group ID: 001

Graph of Results

Differential Volume (%)

Import 1 - Sample data import from file: Pharma-API simulation using Dry Coffee Creamer