

ZONE[®] ESP SIZING SOFTWARE

Size, Analyze, and Optimize

Sizing Made Simple.

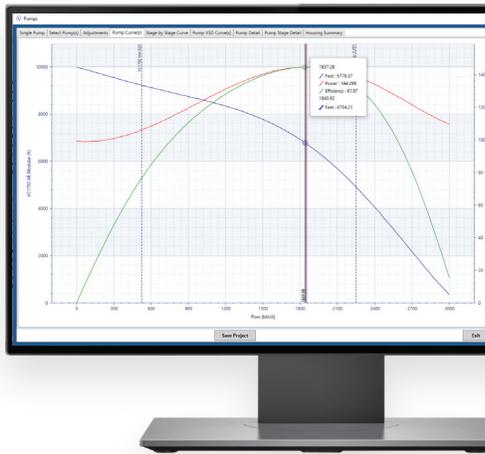
Selecting the right equipment for an electric submersible pumping (ESP) system is a critical step towards shortening your well's payback period and reducing lifetime operating costs.

Developed to help production engineers size, analyze, and optimize ESP equipment, ZONE[®] ESP Sizing Software provides all the computational legwork to easily create and fine-tune designs for real-world operating conditions.

ZONE includes all basic design criteria, including:

- Multiple flowing gradients
- PVT calculations
- Fluid viscosity / Emulsion
- IPR curve generation
- Well construction data
- Interactive plots
- Built-in equipment catalog

...and more!



Applications

- › Water Wells
- › Conventional / EOR Wells
- › Wells With High or Increasing GOR
- › Unconventional / Horizontal Wells
- › Wells With Production Decline
- › Critical ESP Applications
- › Sizing for Well Test
- › ESP Resizing & Performance Analysis

Features & Benefits

- › **Complete A Full ESP Workup In Minutes**
Streamlined, step-by-step workflow with minimal inputs required from the user
- › **Analyze & Optimize To Keep Your ESP Running Strong**
Easily test ESP designs against dynamic well conditions and operating thresholds
- › **Select the Right Equipment To Reduce Operating Costs**
Assemble a string, change out equipment, and compare performance across designs



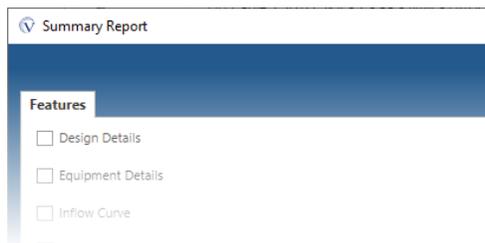
- Generate pump curves for over **500 pumps**



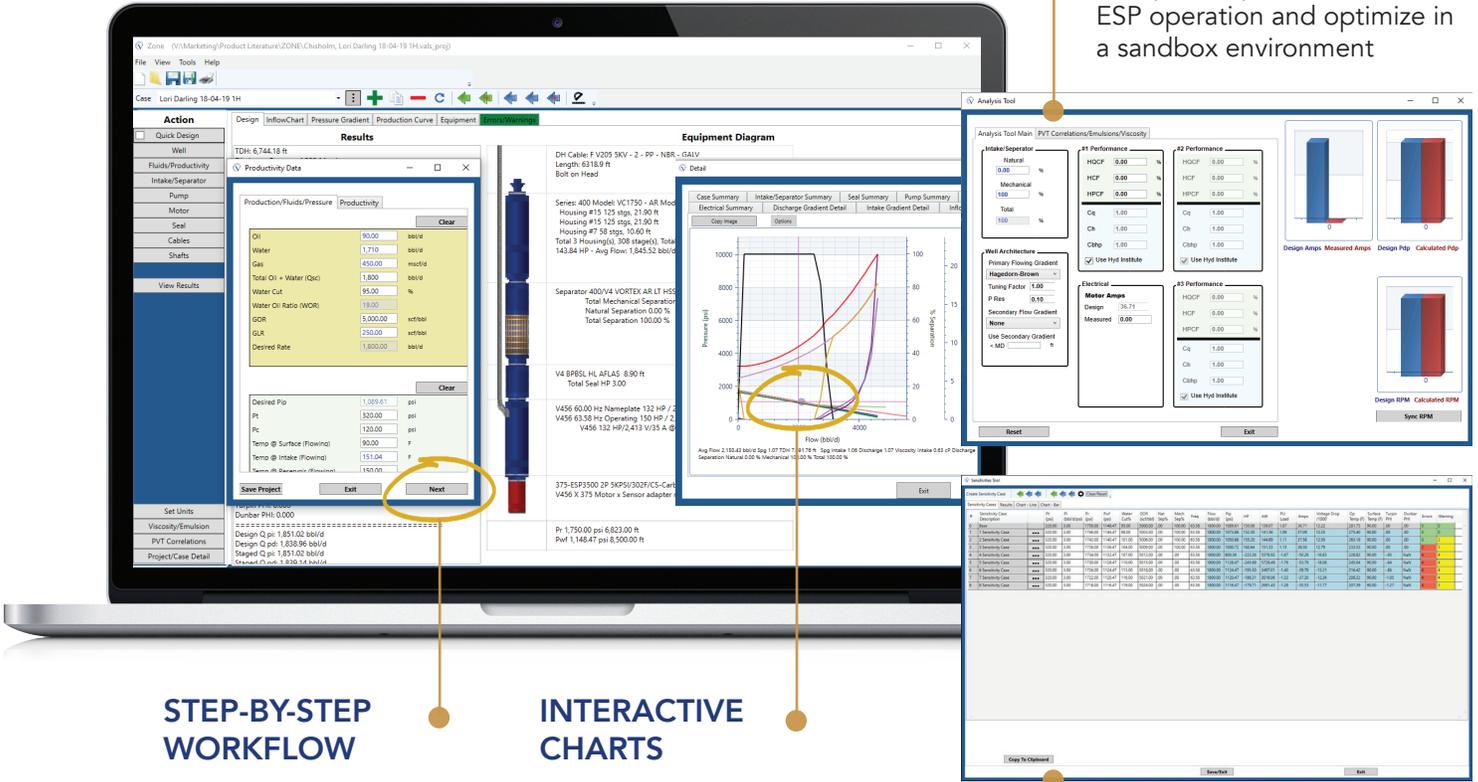
- Compare **side-by-side** performance reports to make informed ESP design decisions



- Save files directly to **your desktop** for quick retrieval and on-demand modifications



Size, Analyze, and Optimize In One Place



STEP-BY-STEP WORKFLOW

ZONE automatically checks your inputs as you go for accurate design calculations

INTERACTIVE CHARTS

Hover your cursor to view datapoints on inflow charts, pressure gradient plots, pump curves, and motor charts

ANALYSIS TOOL

Compare expected vs. actual ESP operation and optimize in a sandbox environment

SENSITIVITIES TOOL

Predict system performance over the life of a well by testing incremental changes in operating conditions

SIZE RESPONSIBLY.

Talk to your Valiant representative or contact us at www.valiant-als.com to get started with ZONE® today.

DOWNLOAD REQUIREMENTS

| | |
|-------------------------|---------------------|
| Devices | PC, Tablet |
| Operating System | Windows 8 or later |
| RAM | 4 GB |
| Updates | Internet Connection |

