



TraceCalc Pro

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Automated industrial heat-tracing design software for pipes and vessels

With TraceCalc Pro software, Tyco Thermal Controls provides you with an unprecedented design tool that lets you select heat-tracing products from world-class brands such as Raychem, DigiTrace, Tracer, Pyrotenax, and Isopad giving you an optimal heat-tracing solution.

TraceCalc Pro design software brings you the latest advances in automated heat-tracing design capabilities. It sets new standards in the features you need for simple or sophisticated designs. With its new intuitive user-friendly interface, you can create a heat-tracing design quickly and accurately.

TraceCalc Pro includes a wide variety of heating cable technologies and provides:

- Design calculations, such as pipe and vessel heat loss, number of circuits, electrical loads and maximum temperatures
- Automated heating cable and connection kit selection
- Recommendations for control and monitoring systems
- Easy-to-use standard reports
- Pictorial representations of heat-tracing connection kits

The software is designed for all levels of users. The novice user can quickly obtain a design through default settings and auto-select features. Advanced users can customize default settings for full design capability, while the expert user will enjoy the ability to set project defaults, and export saved projects to remote users.

TraceCalc Pro provides a common platform for users in different countries to share data in the language of their preference: English, French and German with worldwide codes and design practices supported.

Heat Tracing > Industrial


Software and Design Tools

If you have difficulty downloading heat tracing software from this site, [contact Tyco Thermal Controls](#) for assistance.

TraceCalc Pro v. 2.4 - New Version May 2010

TraceCalc Pro™ is a Windows desktop application that provides heat-tracing design calculations for heat management systems. It provides powerful features to help you obtain the best heat-tracing solution for your particular project utilizing world-class brands such as Raychem®, DigiTrace®, Tracer™, and Pyrotenax®. TraceCalc Pro also provides the user with important design data such as: pipe heat loss, number of circuits, electrical loads, maximum sheath temperatures, etc., while providing automated heating cable and component solutions.

Additionally, TraceCalc Pro produces easy-to-use standard reports to summarize the heat-tracing design results and make product ordering and procurement simple and straightforward. TraceCalc Pro also allows custom reports to be created depending on your specific needs. It is recommended that the user should be experienced in the design of heat tracing applications before using TraceCalc Pro.



download TraceCalc Pro
from www.tycothermal.com

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Specifications

System requirements

To install and run the software, you will need:

- Microsoft Windows® XP, Vista or 7
- Internet Explorer 6.0 or later
- Adobe Acrobat Reader 5.0 or later
- Internet access
- At least 50 MB of free hard disk space
- Recommended: 500 MHZ, 512 MB RAM
- A mouse or other pointing device
- SVGA display with 800 X 600 resolution minimum

Specifications

Registration

TraceCalc Pro will allow for complete pipe tracing designs for a period of 30-days from installation. After this period, or for vessel design capability, you must register the software. For more information on how to register, visit our Web site at www.tycothermal.com.

Features

- Intuitive, easy-to-navigate, user-friendly interface
- Allows for design of both pipe and vessel tracing systems
- Supports designs for pipes and/or vessels using self-regulating, power-limiting, and series cables
- Also supports 3-phase series cable designs
- Graphical representation of heat-tracing connection kits
- Create complex piping circuits with drag-and-drop piping segments
- Accommodates multiple pipe sections each with different design parameters on a single circuit
- Up to three different valve and support types on a single line
- Nonstandard, oversized insulation design capability
- Supports worldwide codes and design practices
- Unlimited number of lines per project
- Enhanced reporting capability
- Designs comply with area classification requirements
- User-specified T-rating and autoignition temperatures
- Supports all control and monitoring capabilities: uncontrolled, ambient-sensing, PASC (proportional ambient sensing control), and line sensing
- Agency-approved maximum sheath temperature calculation, including control-limited designs
- User-selectable stabilized design capability
- Automatically and continuously displays calculated design results
- Users can register online to be notified of new releases and special updates
- Export functions simplify the exchange of data to other applications
- English, French and German user interface and help text

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