



SPRING CALCULATOR PROFESSIONAL

from the INSTITUTE *of* SPRING TECHNOLOGY

SMARTER SPRING DESIGN

Spring Calculator Professional (SCP) is the leading spring design software used by over 400 companies worldwide including spring manufacturers, design engineers and end users.

SCP is used to design, validate and adapt up to 8 types of springs; the impact of changes in materials, design standards and spring parameters can be quickly and simply evaluated.

Our comprehensive database of materials and design standards draws upon over 70

years of experience in the field. Using this data our software can demonstrate the behaviour of a designed spring at different operating positions. Furthermore it allows a design to be honed to fit with real-world constraints, such as limited space for a spring in the finished equipment.

SCP is a powerful and comprehensive piece of software engineered for professionals to make spring design easier, smarter and cost efficient.

SOFTWARE BUILT FOR YOU

We have integrated the 8 most used spring types into the SCP software suite. Choose from compression, extension, torsion, conical, rectangular wire and non-standard round wire. Pay only for the ones you need and not the ones you don't.

INTERNATIONAL STANDARDS

Design springs to a range of international standards – including BS, DIN, EN, SMI, IS and JIS. Wire and strip data is available to BS, DIN, EN, ASTM, AMS, IS and JIS specifications, as well as selected commercial grades.

USEFUL DATA OUTPUTS

Graphical and test based outputs are available, including engineering drawings, customisable with your company logo. SCP also provides Goodman diagrams, Load / Length, and other graphical tools to help evaluate a design.

HELPFUL MODULES

We've created a range of helpful add-on modules including COMPASS, a valuable tool for Spring Manufacturers. Design, test and modify a spring in SCP - enter the data into a coiling machine to create a spring which accurately reflects the design.

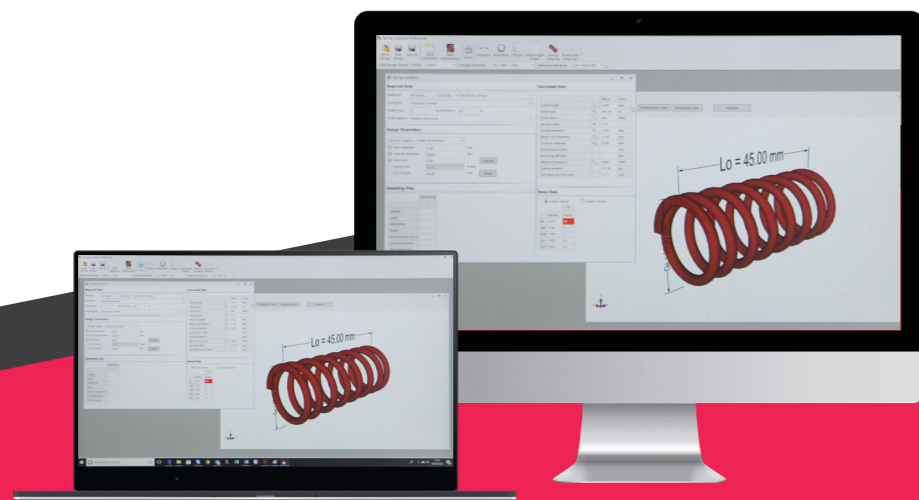
CALCULATION REFINEMENTS

We've included some refinements and additional options, such as different numbers of dead coils at each end of a compression spring, and the ability for extension springs to have an open-coiled pitch and dead coils.

VALUABLE INSIGHTS

The Data Reporting tool allows you to drill down into your saved spring designs, giving valuable insights about the springs you're designing or manufacturing. Discover the most important materials, sizes etc, and look for trends over time.

GET A FREE TRIAL IST.ORG.UK/SCP



BEHIND THE SOFTWARE

IST is recognised as the industry's most authoritative and influential voice, renowned as a unique centre of excellence for spring technology.

Our sole objective is helping you grow your business – combining expert knowledge and advice with a wealth of services, unsurpassed and unequalled on a global scale.

Since IST's original conception in the 1940's fatigue and material test

data has been amassed and used to form a basis of spring design standards.

Utilising this performance data and integrating it into Spring Calculator Professional has proved to be an exceptional asset for all spring manufacturers and designers, and because of this SCP is recognised as being the very best in the world.



WHICH VERSION IS RIGHT FOR ME?

Because SCP is continually developing and adding features for our users we currently have two versions of our software available. Most users will suit our latest Version 2 however you may find Version 1 more suitable. Our aim is to run a single piece of software by the end of 2020. If you can't decide what's right for you get in touch with us today.

	VERSION 1	VERSION 2
Spring Types	Compression, Extension, Torsion, Conical, Rectangular, non-standard, disc and spiral	Compression, Extension, Torsion. Non-Standard coming December 2019
Double Torsion	✗	✓
Design Standards	✓	✓
Material Standards	✓	✓
Host Your Own	✓	✓
Upgraded Interface	✗	✓
Define Your Own Units	✗	✓
Customisable Printouts	✗	✓
Business Insights	✗	✓
Cloud Storage and Collaboration	✗	✓