

# Co-Sc (Cobalt-Scandium)

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The Co-Sc phase diagram in [Massalski2] was redrawn from [Moffatt], which is based on the work of [1978Mar]. The liquidus boundary was drawn as if it was speculative (with a dashed line) in the original diagram, but it was actually determined by DTA measurements.

[2008Liu] calculated the Co-Sc phase diagram based on the [Massalski2] diagram. The result is shown in Fig. 1.

## References

- 1978Mar:** V.Ya. Markiv, I.S. Gavrilenko, V.V. Pet'kov, and N.N. Belyavina, Phase Diagrams of the Systems Sc-{Co, Ni, Cu}, *Izv. Akad. Nauk SSSR, Met.*, 1978, **73**, p 39-45, in Russian
- 2008Liu:** X.J. Liu, P. Yu, C.P. Wang, and K. Ishida, Thermodynamic Evaluation of the Co-Sc and Fe-Sc Systems. *J. Alloys Compd.*, 2008, **466**, p 169-175

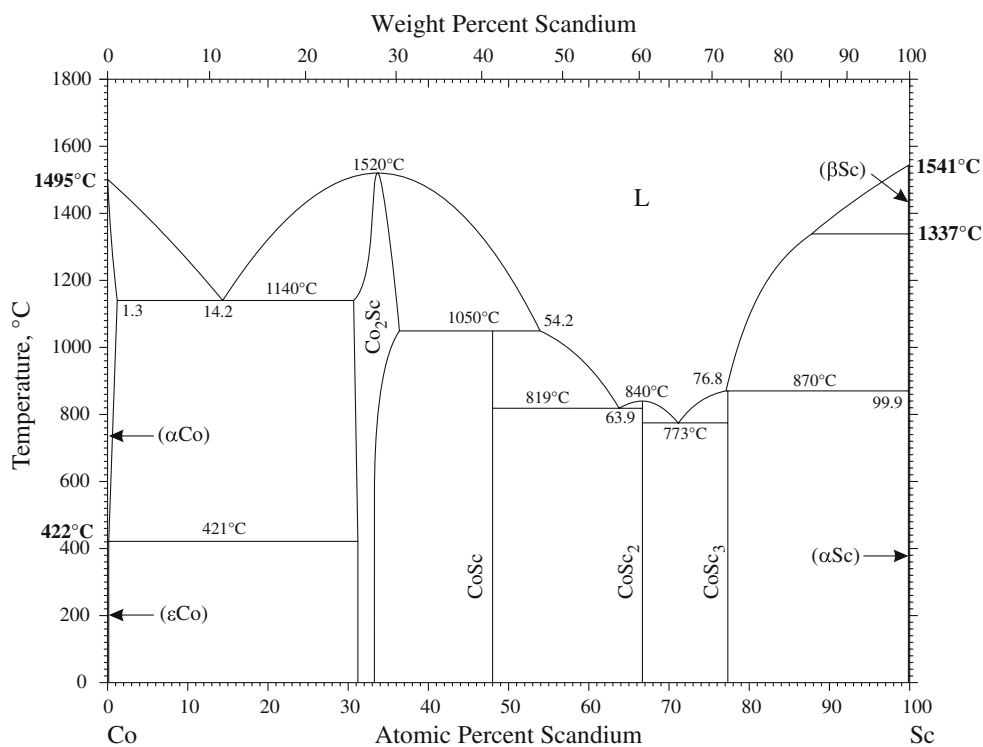


Fig. 1 Co-Sc phase diagram