



Reduce casting rejections Save Costs

No more **casting problems**
NCTS upgrades to

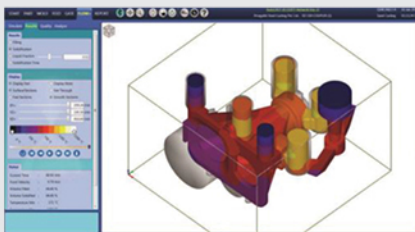
AutoCAST X1 with FLOW+ – the new physics-based solidification simulation software!!

Most comprehensive functionality across ferrous and non-ferrous metals and multiple processes, **AutoCAST X1** combines 3D methods design, quick or advanced simulation in a single environment, suitable for all major metals and processes like sand casting, shell mould, gravity die casting and investment castings.

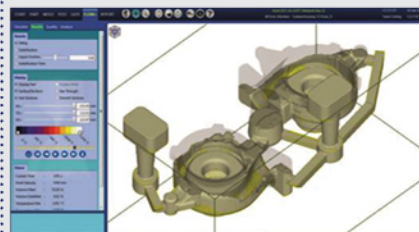
Optimise yield of current production. Reduce development time and expensive casting trials for new castings.

Shrinkage porosity and major defects like misrun, cold shut, air blow-hole and hard zone can be predicted

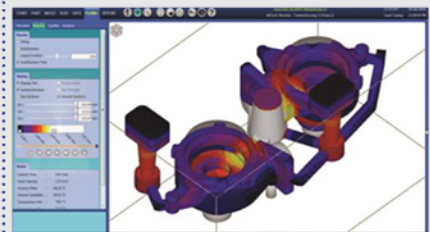
Reasonable charges.
Contact immediately for accurate estimates
Also available, crucial technical inputs from highly experienced foundry technologists on NCTS panel



Steel-Sand Casting



Mould filling sequence with solidification



Solidification time (cooling rate)



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OF INDIAN
FOUNDRYMEN**

National Centre for Technical Services

A Centre for Excellence of The Institute of Indian Foundrymen

T: +91 20 2543 7374, 2542 2902

E: ncts@indianfoundry.org, **Website:** www.iifncts.org