



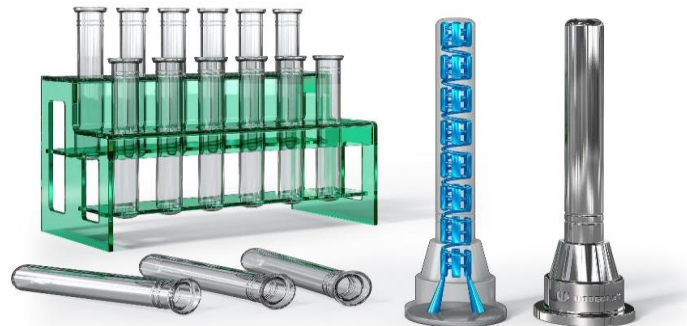
Uddeholm AM Corrax – the right choice for 3D printing in the medical industry

Uddeholm AM Corrax has been specially developed by the world's leading metallurgists to simplify the process of forming complex shapes and innovative designs where conventional manufacturing techniques have previously struggled.

The use of additive manufacturing in the medical industry aids in offering bespoke and precise medical equipment and tooling, thus presenting new and enhanced opportunities in this field, including the reduction in injection moulding processing times.

Traditionally, cooling channels could only be drilled in a straight line, AM allows cooling channels to be imbedded in even the most complex of shapes allowing for a reduction in processing times. Uddeholm AM Corrax excellent corrosion resistance prevents the build of lime in the cooling channels caused by poor water conditions, so users can be assured of extended lifespan.

Its application uses range from injection moulds to cutting & drill guides.



Why Uddeholm's Corrax?

Uddeholm AM Corrax boasts several advantages over most AM steels including:

- Excellent corrosion resistance - Uddeholm AM Corrax shows better resistance to stress corrosion cracking than standard hardenable corrosion resistant steel grades.
- Good dimensional stability during the aging treatment
- Flexible hardness, 36-50HRC
- Excellent polishability
- No hard "white" layer after EDM
- Easy to process in laser powder-bed as well as laser metal deposition AM equipment