最先端の混合撹拌技術をご提案いたします

AGITECH

COMPANY PROFILE

http://www.agitech.kr/

主要な技術と製品

AGITECH Co., Ltd. は世界最先端の撹拌技術を開発し、各種の混合撹拌製品をご提供します。

- 01 撹拌機
- 02 サイド ミキサー
- 03 ホモミキサー
- 04 スタティックミキサー
- 05 マグネットドライブ
- 06 ディソルバー

AGITECH CO., LTD.
Agitation Technology

化学
石油
EPC
Engineering
Project Management
Design Build
EPC
Procurement
Project Services
Construction
AGITECH CO., LTD.
Agitation Technology
主要事業分野
電子材料
食品、医薬・培養

製品事例

PVC REACTOR [630 KW]

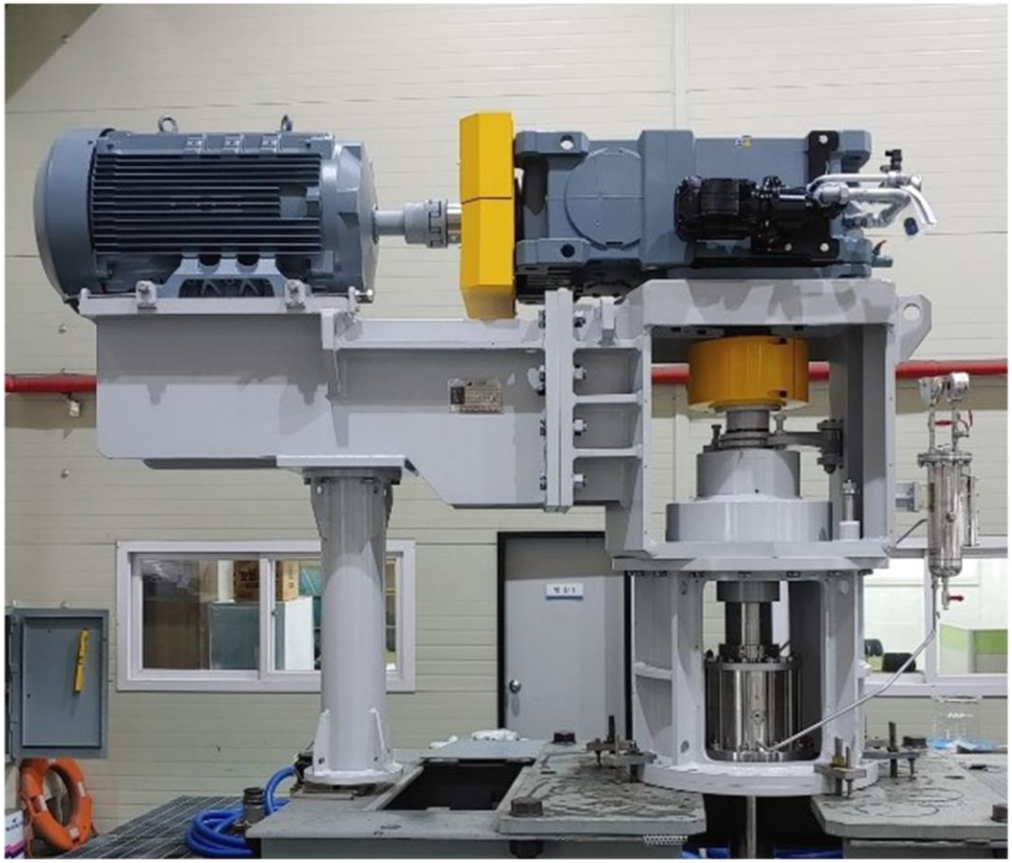
製品事例

PVC BOTTOM AGITATOR [410 KW]

製品事例

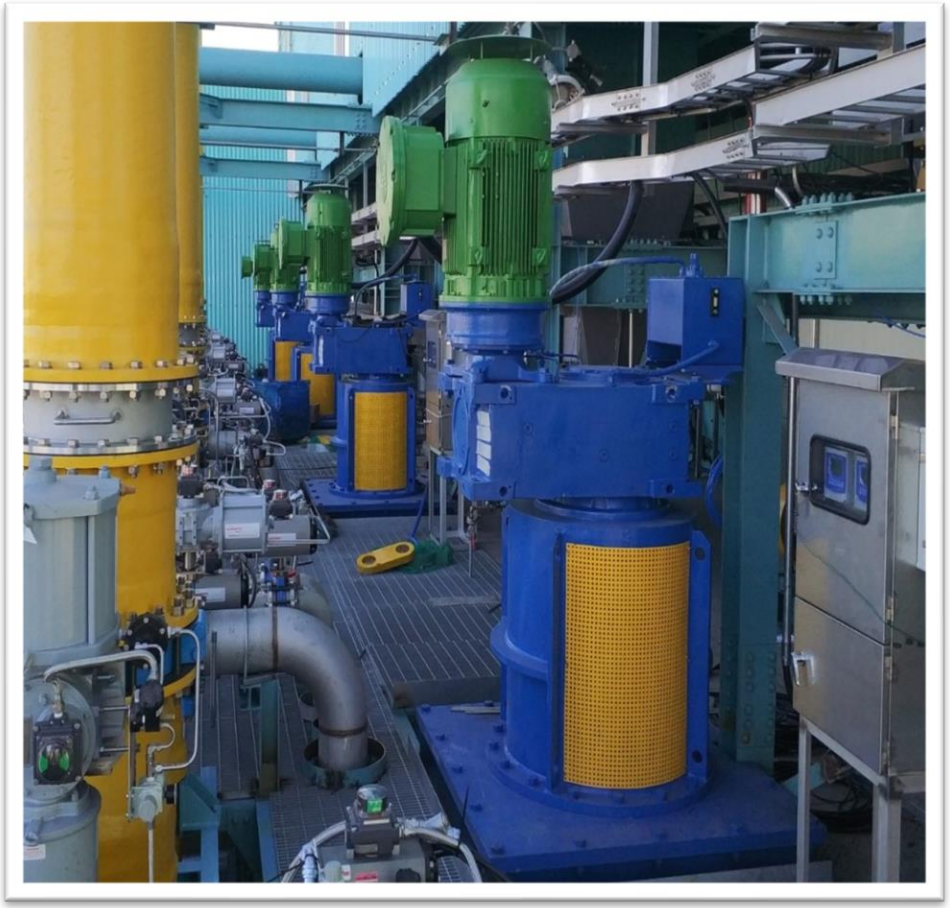
FERMENTER [525 KW] / LONGEST SHAFT [Ø240 x 13,390L]

製品事例



SPECIAL LIP SEAL [200 KW , 240mm]

製品事例



RUBBER LINING [75 KW , Ø 230 x 8290L]

製品事例

Ti Gr.2 PPS AGITATOR [110KW]

製品事例

HIGH VISCOSITY IMPELLER

製品事例

FILTER DRYER [3M^3]

KETTLE DRYER [Ni POWDER]

製品事例

PHARMACEUTICAL AGITATOR [C-GMP]

製品事例

HOMO MIXER [3600 RPM]

DYNAMIC LINE MIXER [1800 RPM]

製品事例

MAGNETIC DRIVE

製品事例

BOTTOM ENTRY MAGNETIC DRIVE

製品事例

AGITATOR TEST WITH VESSEL

▪ 技術研究開発

FLUENT

Computational Fluid Dynamics

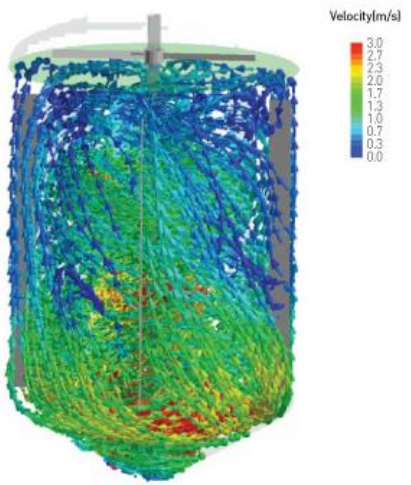
A method of numerically solving and simulating
complex physical forces occurring in a fluid in a boundary

- Visual representation of mechanical engineering
- Effective to save time and cost

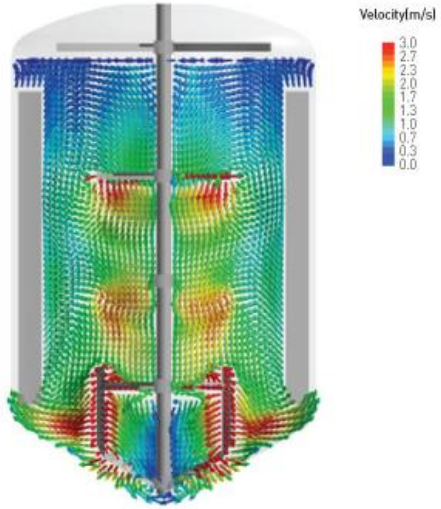
Flow Analysis

A more efficient and suitable agitator design by implementing
the complex flow phenomenon generated by the impeller

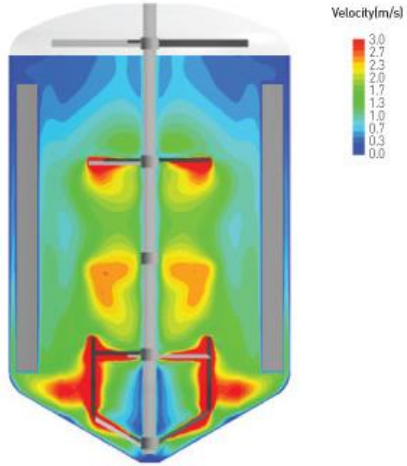
Flow pattern (Dynamic)



Velocity vector

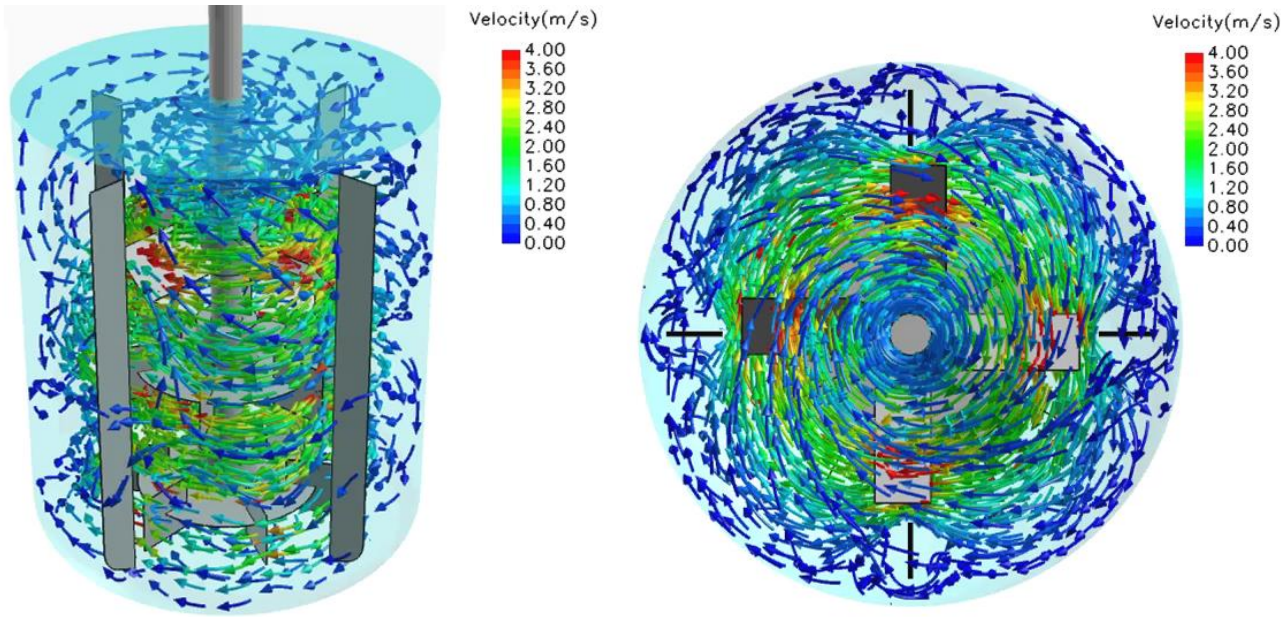


Velocity Distribution

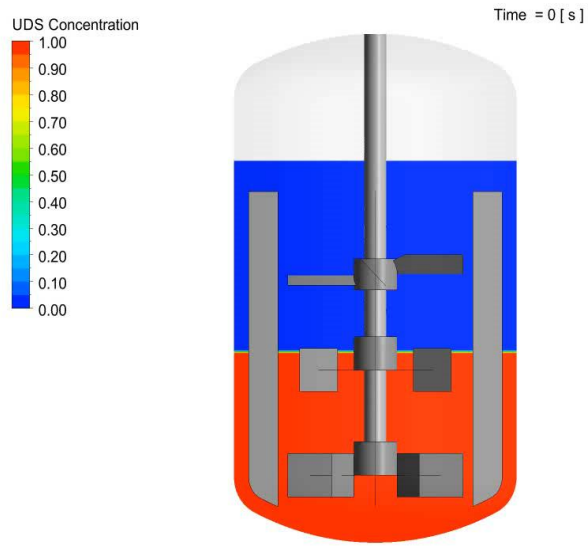


技術研究開発

CFD VIDEO Dynamic



Flow Pattern



Mixing Time

▪ 技術研究開発

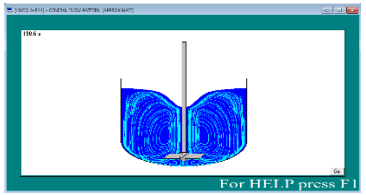
VISIMIX

Computational Fluid Dynamics

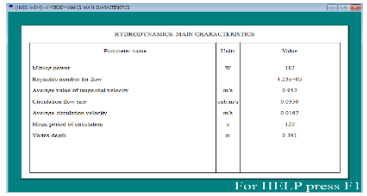
PC software for technical calculation, analysis, improvement, scale-up and development of mixing processes and equipment based on mathematical simulation

- Visualize chemical engineers, process engineers and R & D
- Calculate the most important process parameters

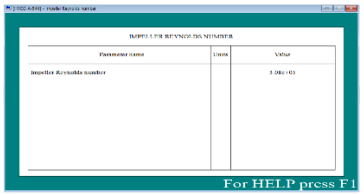
General Flow Pattern



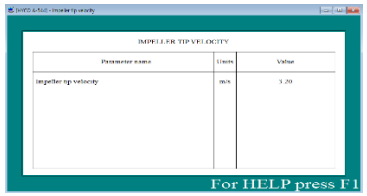
Hydrodynamics



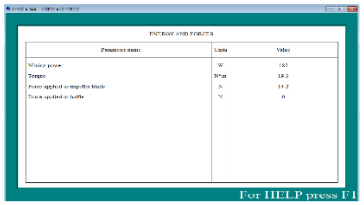
Reynolds number



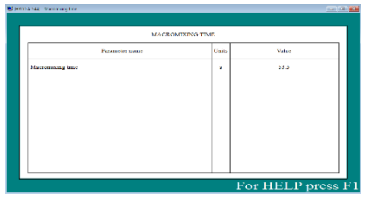
Impeller tip velocity

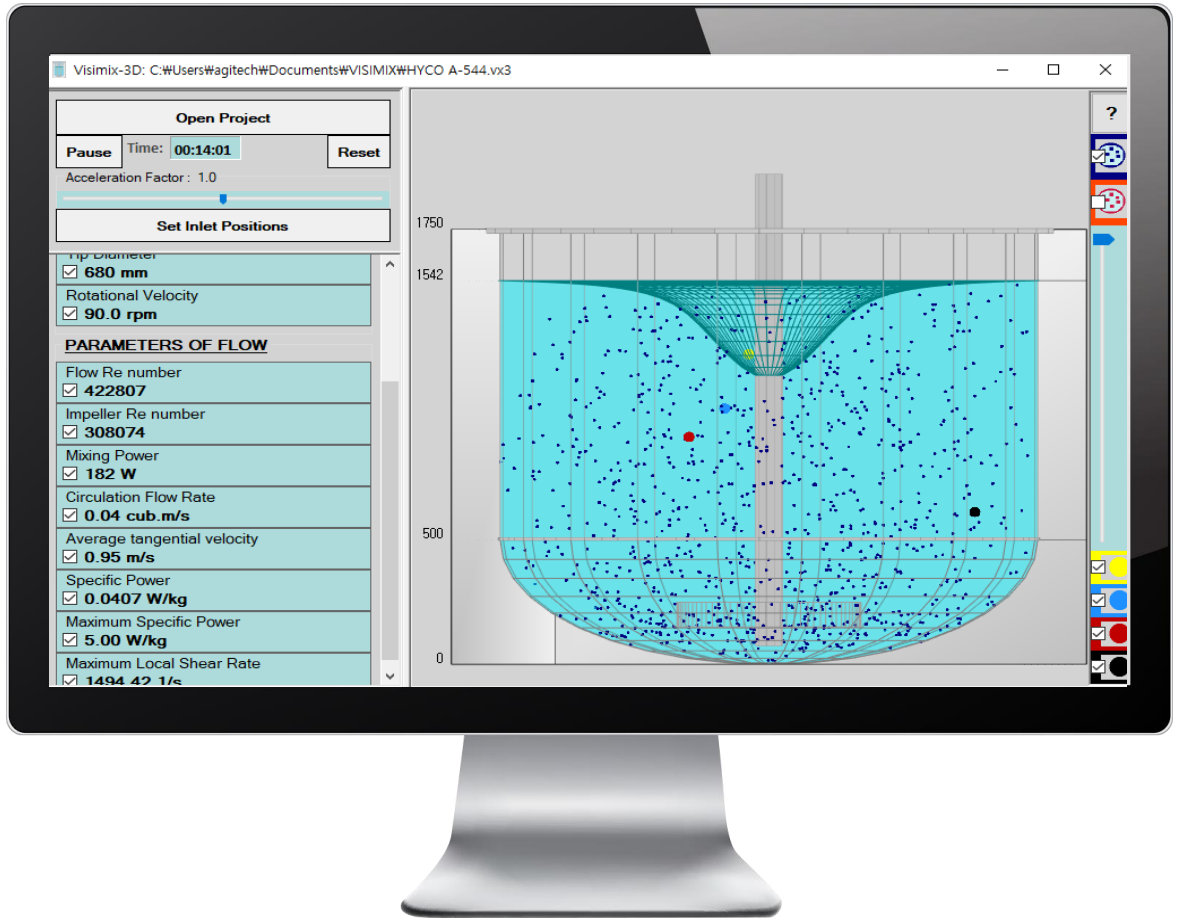


Energy and forces



Macromixing Time





検査、品質管理

Step-by-step inspection increases quality competitiveness and realizes zero defect rate

INSPECTION

Temperature | Shaft Speed | Surface Roughness

Vibration | Current | Noise Level

▪ 梱包、出荷要領

Packaging and shipping system in compliance with customer specifications

PACKING

DELIVERY

合同会社　樋口経済企画研究所

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