

Comparison of two methods for designing calorimeters using stirred tank reactors.

Regestein L, Giese H, Zavrel M, Büchs J (2013) Comparison of two methods for designing calorimeters using stirred tank reactors. *Biotechnol Bioeng* 110(1), 180-190.

[Details](#)



Abstract

Calorimetry is a robust method for online monitoring and controlling bioprocesses in stirred tank reactors. Up to now, reactor calorimeters have not been optimally constructed for pilot scale applications. Thus, the objective of this paper is to compare two different ways for designing reactor calorimeters and validate them. The



Lars Regestein

[Details](#)

Identifier

doi: 10.1002/bit.24601

PMID: 22829331

