

RUO

# Genetron CHEF

Fully automated  
sample loading system

## Product Features

- Automates library generation, equalization, and pooling up to 8 samples in a single instrument run
- Simplifies template preparation and chip loading using a single automated process for loading of up to two sequencing chips per instrument run
- Helps reduce sources of variability for users at all experience levels
- Helps save time and labor with just 15 minutes of hands-on time for setup prior to start of automated workflows



## Introduction

Genetron Chef helps reduce sources of variability for users at any experience level by greatly minimizing pipetting errors, providing reproducible chip loading, and enabling sample tracking and system checks with the onboard tracking system.

## Time and labor savings

Genetron Chef enables time and labor savings, with just 15 minutes of hands-on time for setup. Simply select the run parameters using the intuitive touchscreen interface and load the library samples, reagents, consumables, and chips onto the deck. A single run of the Genetron Chef System will produce one pooled NGS sequencer library for up to 8 samples, or up to two loaded chips for sequencing on the Genetron S5 sequencer. The minimal hands-on time and walk-away automation of the Ion Chef System enables overnight runs, helping to maximize the productivity.

## Tracking System

Equipped with barcode-reading capabilities, the tracking system enables identification of samples, onboard reagents, and chips, and integrates with Genetron Sequencer Software system. For added assurance, the tracking system also performs setup checks, including scanning the instrument deck for positioning of reagents and consumables, calibration checks, and instrument software diagnostic. This tracking system helps reduce user-induced errors and variability for maximum accuracy and efficiency.

## Reduced variability

Genetron Chef helps reduce sources of variability for users at any experience level by greatly minimizing pipetting errors, providing reproducible chip loading, and enabling sample tracking and system checks with the onboard tracking system.

For more information, visit <http://www.genetronhealth.com>

Customer Service Hotline: 4000 996 336 | Beijing Office: (010) 50907521  
Email: [customer@genetronhealth.com](mailto:customer@genetronhealth.com) | Shanghai Office: (021) 60705728  
2019 GenetronHealth. All rights reserved. | Chongqing Office: (023) 68915807

© 2019 GenetronHealth. All rights reserved. All trademarks are the property of Genetron or their respective owners. V202210