

Millipore
Sigma

THE REVOLUTION IN MEDIA PREPARATION

The **ReadyStream®** system –
enter the new era
of media preparation

The life science business
of Merck KGaA, Darmstadt,
Germany operates as
MilliporeSigma in the
U.S. and Canada.

Millipore®

Preparation, Separation,
Filtration & Monitoring Products

Media preparation

YESTERDAY

Classical culture media and sample preparation - a time consuming, multistep process

9
STEPS



1 Cleaning of bottles



2 DCM powder weighing



3 Addition of a known amount of water



4 Dissolution



5 Dispensing into bottles/containers



6 Labeling



7 Autoclaving/cooling



8 Food sample weighing



9 Addition of media

Media preparation

TODAY

Media preparation with **ReadyStream®** system is as simple as pressing a button

3
STEPS



1 Set up consumables and prepare the media bag stock (only once for up to 440 samples of 25 g)



2 Weigh each food sample



3 Let the ReadyStream® system dispense preheated ISO 11133 compliant media directly into the sampling bag

Only 20 min to get 100 L of preheated, sterile & ISO compliant culture media from this bag!

REALLY?



Optimize your processes to save time and resources

On-demand media preparation. No need for a media kitchen.
No dehydrated media manipulation. No time lost on autoclaving.
No bottle washing.

The ReadyStream® system

Media preparation as simple as pressing a button

The revolutionary new ReadyStream® system makes culture media preparation and dispensing easier than ever before. The irradiated media bags contain dry culture media for either 30 or 100 liters. Water compliant to ISO 11133 is added to dissolve the media and create a 10x concentrated media that can be used for up to 5 days. The concentrated media bags are much easier to handle, store and rehydrated and weight only about a tenth of the weight of a fully reconstituted media bag.

Press the Media button to dilute concentrated culture media and to deliver pre-heated, ready-to-use media on demand in the volume needed. No need for autoclaving, powder handling, washing, dealing with bottles, or storing many heavy culture media bags in precious lab space.



intelligent design

Designed to your needs

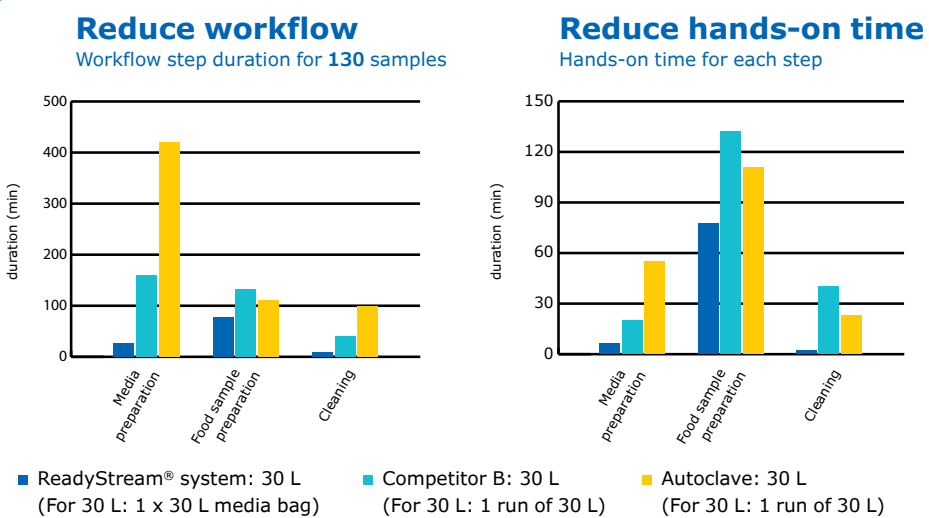
Flexible system allows for different volumes (2 bag sizes) at different temperatures. Define and save your own programs on the instrument or generate 2D bar codes with our free software.

CONVENIENT INTEGRATION INTO YOUR EXISTING LAB SETUP

- Connect the ReadyStream® system to any dilutor through an intermediate bottle serving as media reservoir
- Facilitate addition of supplements
- Multiple setups possible for greater flexibility

In-Line Connection

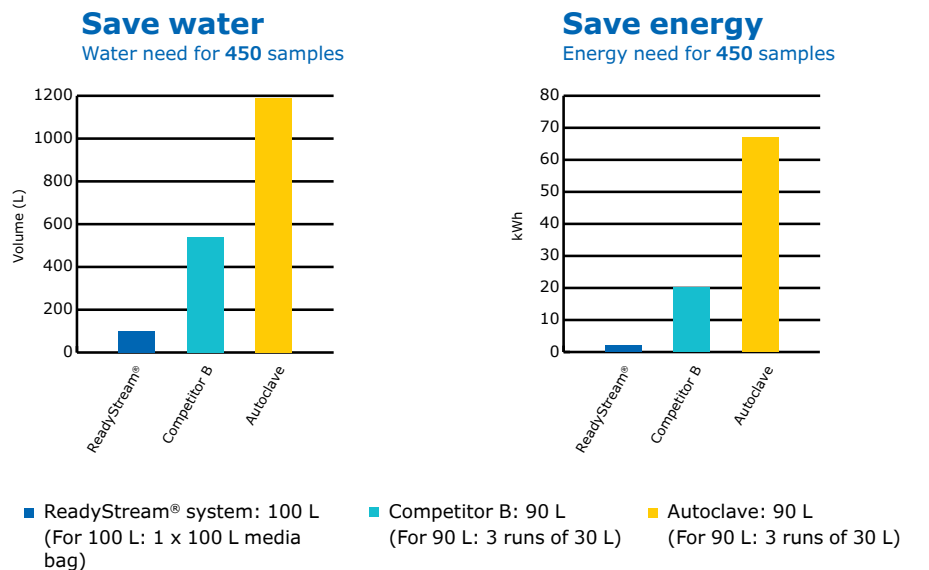
- Convenient connection to 1 or 2 dilutors at the same time
- No change of connections required



ONLY
20 Min

**ISO 11133 compliant,
pre-heated media available
and ready to be used**

Obtain uncontaminated media by adding sterile filtered water to gamma-irradiated media powder.



ReadyStream® media preparation workflow
reduces contamination risks and ensures
availability of sterile media every day

Bag with GranuCult® ISO 11133 compliant dehydrated culture media. Media obtained by adding sterile filtered water to the irradiated powdered media. No need to use the autoclave.

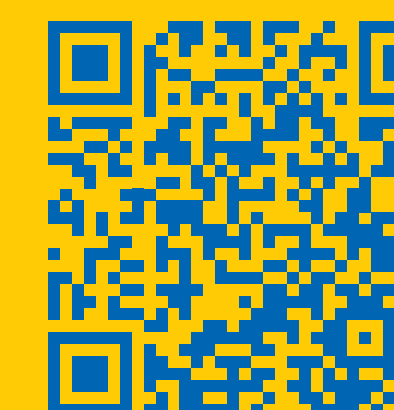
Flex Connect

- Enhanced flexibility thanks to quick connection/disconnection
- Prepare the media and dispense it independently from the instrument location
- Pre-filling of several bottles and temporary storage or delivery at different Dilutor positions possible

19.7"



ReadyStream® media preparation unit



Request a demo or learn more on:
SigmaAldrich.com/ReadyStream-Demo



ReadyStream® media dispensing unit



START YOUR
REVOLUTION ON
2.8 ft²

The ReadyStream® system – Media preparation with a small footprint

13.9"

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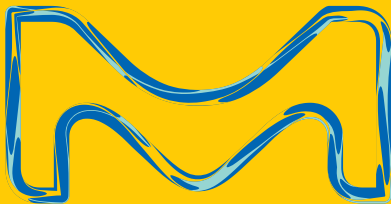
With the ReadyStream® system, you can

- in about 20 minutes prepare up to 100 L of media in less than 20 minutes
- dispense pre-heated media of the temperature and volume you need
- easily store and carry the bags containing dehydrated media (less than 3 kg for the biggest bag)
- still carry a bag of rehydrated, concentrated media that allows you to dispense 100 L (less than 13 kg)

And there's no need for autoclaving, bottles and washing, saving you time, resources and energy.



Don't wait to try our ReadyStream® system, request a demo
[SigmaAldrich.com/
ReadyStream-Demo](https://SigmaAldrich.com/ReadyStream-Demo)



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09/2023



Ordering information

Product	Packaging	Ordering No.
30 L ReadyStream® Media Bag GranuCult® Buffered Peptone Water	10x 30 L Media bags with dehydrated media*	5.74846.0030
100 L ReadyStream® Media Bag GranuCult® Buffered Peptone Water	3x 100L Media bags with dehydrated media*	5.74846.0100
ReadyStream® Filter Set	5x Filter sets	5.74826.0001
ReadyStream® System	1x	RDYSTRM01

*Bags are shipped with dry media which will be reconstituted with the ReadyStream® system. The 10x concentrated media allows dispensing of up to 30 L and 100 L, respectively, of 1x concentrated media with the different bag sizes.