

ADVANCED

DISPENSING CASSETTES

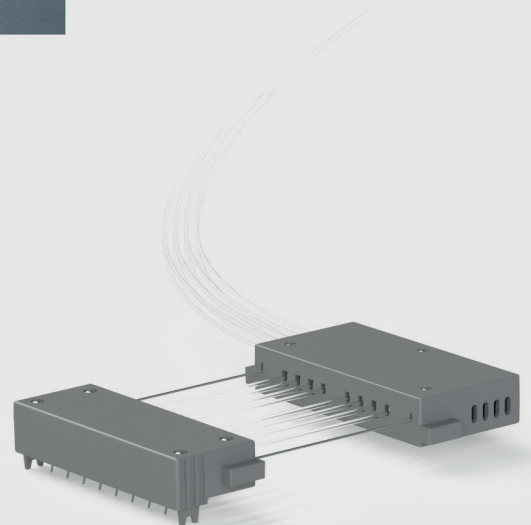
Compatible for all Thermo Scientific® Multidrop® Dispensers

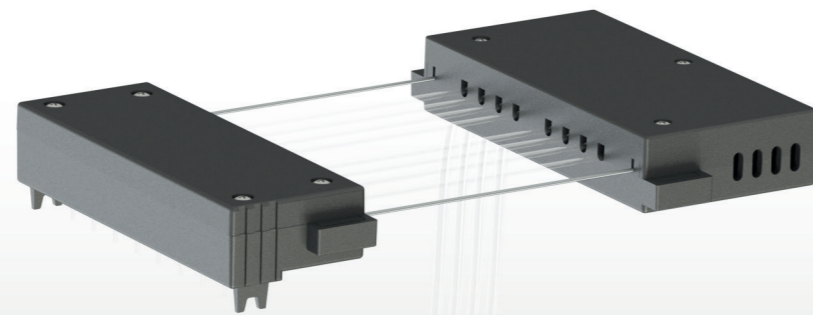


2025

- Identical Cassettes
- Angled Cassettes
- Large Bore Cassettes
- Adapter, Manifolds
- Refurbishment
- Accessories

- XL Metal Tip Cassette
- Filters, Manifolds





// To convince you of the quality, you can test our products before buying.

ADVANCED Standard Tube Dispensing Cassettes

Up to 25% extended lifetime!

The Standard Tube Cassettes

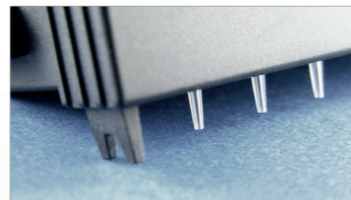
All Steinle Dispensing Cassettes are suitable for Multidrop® Combi, 384 and DW systems from Thermo Scientific®.

Long-term tests in our laboratories have shown that Steinle cassettes have up to 25% longer lifetime compared to competitor cassettes.*

- Disp. range from 5 µl -2500 µl
- Dispensing Increments of 5 µl
- 50 times autoclavable
- Dead volume < 7ml
- Most suitable for dispensing volumes of 20 µl and greater

Our Dispensing Cassettes and accessories are quality made in Germany.

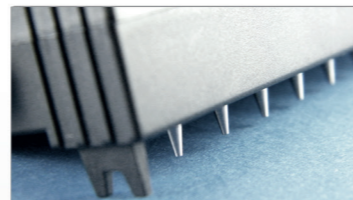
Standard Tube Cassette Identical



- Plastic tip comb with 0.5 mm ID
- Silicone tubing
- 50 times autoclavable
- Dead volume < 7ml
- Ideal for dispensing volumes of 20 µl and greater

Cat. No.	Version	Qty	€ , \$
ST-0010	Identical	1	POR
ST-0015	Identical (Pack of 5)	1 Pack	POR (SAVE 5%)

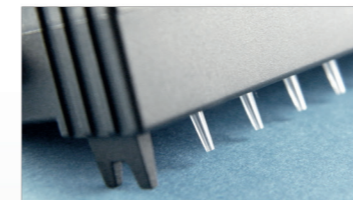
Standard Tube Cassette Metal Tip



- Same features as identical cassette, equipped with metal tips.
- Hydrophobic
- Long product life
- High chemical compatibility

Cat. No.	Version	Qty	€ , \$
ST-0030s	Metal Tip	1	POR
ST-0035s	Metal Tip (Pack of 5)	1 Pack	POR (SAVE 5%)

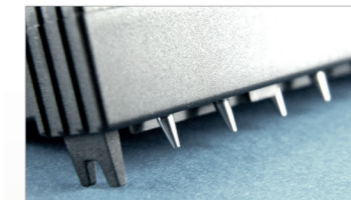
Standard Tube Cassette Angled Plastic Tip



- Angled, polypropylene tips
- Gentle dispensing
- Reduces disruption of cell-layers
- Minimizes bubble forming in the well plate

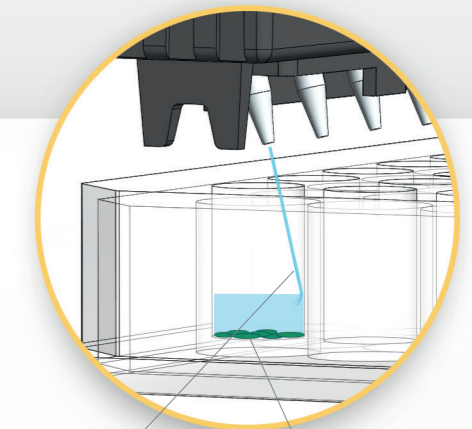
Cat. No.	Version	Qty	€ , \$
ST-0050s	Angled PI	1	POR
ST-0055s	Angled PI (Pack of 5)	1 Pack	POR (SAVE 5%)

Standard Tube Cassette Angled Metal Tip



- Angled, stainless steel tips
- Gentle dispensing
- Reduces disruption of cell-layers
- Minimizes bubble forming in the well plate

Cat. No.	Version	Qty	€ , \$
ST-0040s	Angled M	1	POR
ST-0045s	Angled M (Pack of 5)	1 Pack	POR (SAVE 5%)



Fluid stream

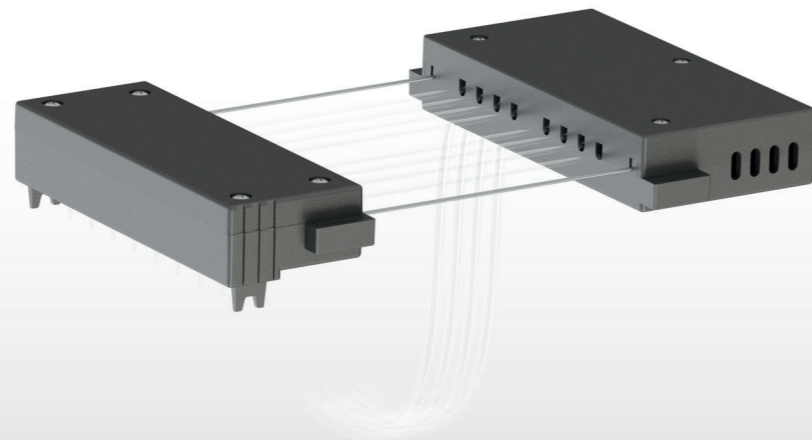
Intact cell monolayer

Cell-friendly angled dispensing

For sensitive cell-based assays, the angled tips allow gentle dispensing to the side of the well.

This helps keep cell layers intact, even through multiple-step operations.

Using our angled cassettes in the Multidrop® Combi, you can further adapt them under the option "Dispensing offset".



ADVANCED
**Standard Tube
Dispensing Cassettes**
Large Bore Tips

**Standard Long Tube
8 to 1 Manifold**

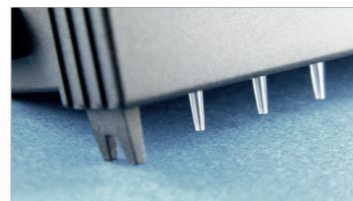


Adapter connects 1 supply-tube (40 - 200 cm) to 8 standard-sized tubings.

- PlasticTips
- Ideal for automated systems
- 40 -200 cm lengths available
- Easy to clean

Cat. No.	Version	Qty	€ , \$
ST-0020m	8 to 1	1	POR
ST-0025m	8 to 1 (Pack of 5)	1 Pack	POR (SAVE 5%)

**Standard Long Tube
Special (8 single long tubings)**



Customized tubing lengths up to 200 cm available.

- PlasticTips
- **Ideal for automated systems**

Cat. No.	Version	Qty	€ , \$
ST-0060m	Special	1	POR
ST-0065m	Special (Pack of 5)	1 Pack	POR (SAVE 5%)

NEW

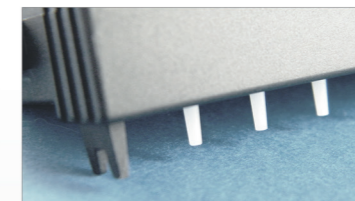
**Standard Tube Cassette
Large Bore Metal Tip**



- Stainless steel tips with 0,65mm ID
- 30% larger than Identical
- Minimizes clogging.
- For large cell sizes
- Works for aqueous solutions
- For up to 384 well plate

Cat. No.	Version	Qty	€ , \$
ST-0070	XL. Bore	1	POR
ST-0075	XL. Bore (Pack of 5)	1 Pack	POR (SAVE 5%)

**Standard Tube Cassette
Extra Large Bore Tip**



- Plastic Tips with 0,8 mm ID
- 60% larger than Identical
- Minimizes clogging.
- For higher-viscosity liquids dispensing $\geq 100\mu\text{l}$
- For large cell sizes
- For up to 96 well plate

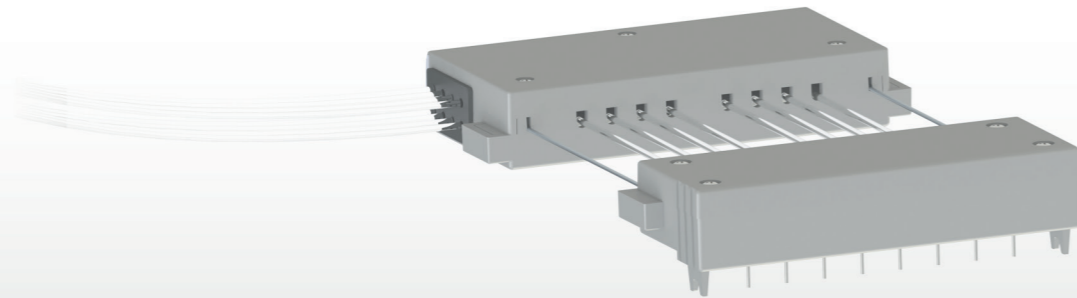
Cat. No.	Version	Qty	€ , \$
ST-0080	XL. Bore	1	POR
ST-0085	XL. Bore (Pack of 5)	1 Pack	POR (SAVE 5%)

Gentle dispensing for integrity of fragile solutions

The loss of biological sample integrity can occur when fragile cell suspensions, protein aggregates and genomic materials are dispensed at high velocity due to the small internal diameter of the tips.

Our Large Bore Tip Cassette is perfect for viscous fluids, and larger cell colonies.

Please contact us for customized bore sizes.



ADVANCED

Small Tube Metal Tip Dispensing Cassettes

Up to 25% extended lifetime!

The Small Tube Metal Tip Cassette

Long-term tests in our laboratories have shown that Steinle cassettes have up to 25% longer lifetime compared to competitor cassettes.*

- Disp. range from 0.5 µl -50 µl
- 10 times autoclavable
- Dead volume < 1ml
- Perform best (CV%) at dispensing 10µl

Our Dispensing Cassettes and accessories are quality made in Germany.

Small Tube Metal Tip Identical



- Stainless steel, ruby tip
- 10 times autoclavable
- Dead volume < 1ml
- Ideal for dispensing small volumes $\geq 10\mu\text{l}$ into 384 & 1536 well plates

Cat. No.	Version	Qty	€, \$
ST-1010	Identical	1	POR
ST-1015	Identical (Pack of 5)	1 Pack	POR (SAVE 5%)

Small Tube Metal Tip Long Tube

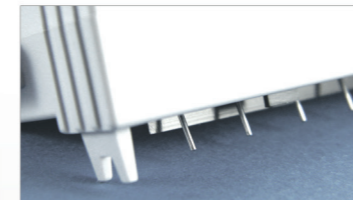


Adapter connects supply - tube with 1.5 mm ID to 8 standard-sized tubings.

- Ideal for automated systems
- 40 - 200 cm lengths available
- Easy to clean

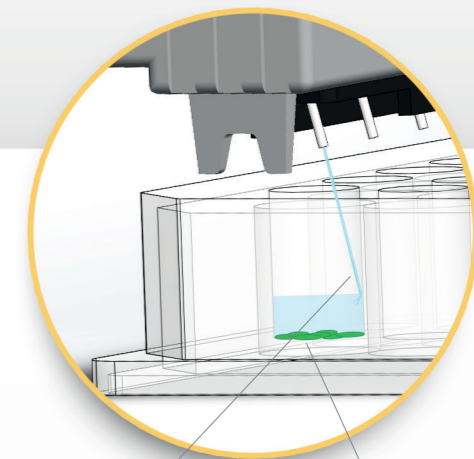
Cat. No.	Version	Qty	€, \$
ST-8T01	L. Tube	1	POR
ST-8T51	L. Tube (Pack of 5)	1 Pack	POR (SAVE 5%)

Small Tube Metal Tip Angled



- Angled, stainless steel tips with ruby orifice
- Gentle dispensing
- Reduces disruption of cell - layers
- Minimizes bubble forming in the well plate

Cat. No.	Version	Qty	€, \$
ST-1030s	Angled	1	POR
ST-1035s	Angled (Pack of 5)	1 Pack	POR (SAVE 5%)



Fluid stream

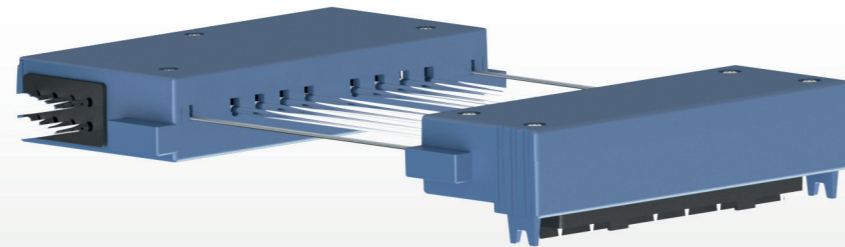
Intact cell monolayer

Cell-friendly angled dispensing

For sensitive cell-based assays, the angled tips allow gentle dispensing to the side of the well.

This helps keep cell layers intact, even through multiple-step operations.

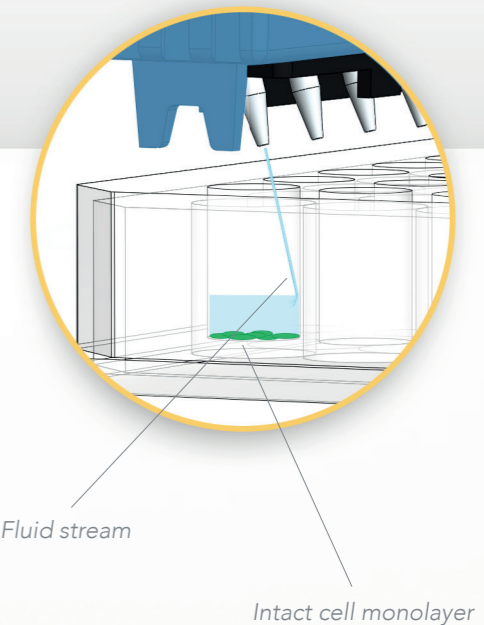
Using our angled cassettes in the Multidrop® Combi, you can further adapt them under the option "Dispensing offset".



// To convince you of the quality, you can test our products before buying.

ADVANCED

Small Tube Plastic Tip Dispensing Cassettes



Up to 25% extended lifetime!

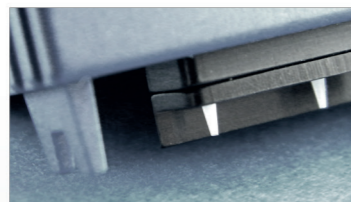
The Small Tube Plastic Tip Cassette

Long-term tests in our laboratories have shown that Steinle cassettes have up to 25% longer lifetime compared to competitor cassettes.*

- Disp. range from 0.5 µl -50 µl
- Dead volume < 1ml
- Perform best (CV%) at dispensing 10 µl
- 10 times autoclavable

Our Dispensing Cassettes and accessories are quality made in Germany.

Small Tube Plastic Tip Identical



- Polypropylene Tip
- 10 times autoclavable
- Dead volume < 1ml

When aiming to avoid metal and dispensing Small Volumes $\geq 10 \mu\text{l}$ into 384 & 1536 well plates.

Cat. No.	Version	Qty	€, \$
ST-2010	Identical	1	POR
ST-2015	Identical (Pack of 5)	1 Pack	POR (SAVE 5%)

Small Tube Plastic Tip Long Tube

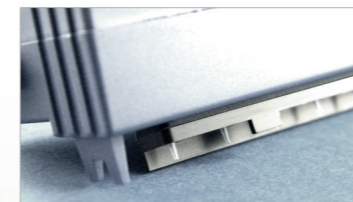


Adapter connects supply-tube with 1.5 mm ID to 8 standard-sized tubings.

- Ideal for automated systems
- 40 -200 cm lengths available
- Easy to clean

Cat. No.	Version	Qty	€, \$
ST-8T012	L. Tube	1	POR
ST-8T512	L. Tube (Pack of 5)	1 Pack	POR (SAVE 5%)

Small Tube Plastic Tip Angled



- Angled, polypropylene tips
- Gentle dispensing
- Reduces disruption of cell-layers
- Minimizes bubble forming in the well plate

Cat. No.	Version	Qty	€, \$
ST-2030s	Angled	1	POR
ST-2035s	Angled (Pack of 5)	1 Pack	POR (SAVE 5%)

Cell-friendly angled dispensing

For sensitive cell-based assays, the angled tips allow gentle dispensing to the side of the well.

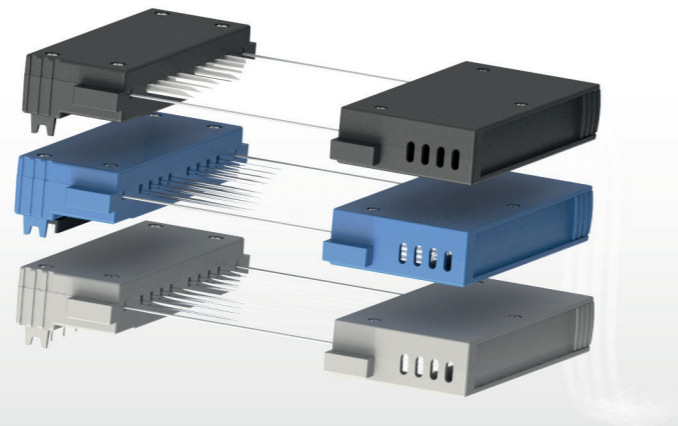
This helps keep cell layers intact, even through multiple-step operations.

Using our angled cassettes in the Multidrop® Combi, you can further adapt them under the option "Dispensing offset".

SERVICES

Refurbishment of used Cassettes

// Don't throw away your old, disused dispensing cassettes!



ACCESSORIES

Filter & Adapter for all Cassettes

Reagent Filters

- Adaptable stainless steel or nylon mesh sizes between 5 µm - 350 µm (62 µm is standard)
- Fully autoclavable and reusable (121°C, 1 bar, 20 min)
- Easy and quickly installed in place of tubing weight

Refurbishment & Modification Service

For all Thermo® & Steinle Cassettes

Don't throw away your old, disused dispensing cassettes. No matter the condition they are in - we will refurbish them.

The refurbishment is a sustainable and cost-effective way to deal with your disused cassettes.

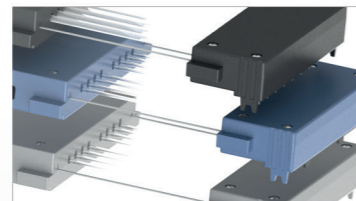
After replacement of the relevant components, the cassettes are calibrated manually, channel-wise and in conformity with DIN EN ISO 8655.

Our refurbishment includes:

- External & internal cleaning
- Repair (if required)
- New tubings
- New tips
- Calibration (DIN EN ISO 8655)
- Measurement protocol

Refurbishment Service

Thermo® & Steinle Cassettes



// In terms of service performance, accuracy and precision, you receive a dispensing cassette like new.

Cat. No.	Version (Cassettes)	Qty	€, \$
ST-R0010	Standard	1	POR
ST-R0020	Small	1	POR
ST-R0030	Angled	1	POR

The price may vary for special tubing lengths.

Modification Service

If you have cassettes and would like to have them modified, with longer tubings, other tips, angled tips - no problem, we will do it for you. Please contact us for this.

Filter for Standard Tube Cassettes

No.	Version	Qty	€, \$
ST-00FL	Standard Cassettes	1	-
ST-00FL5	Pack of 5	5	-

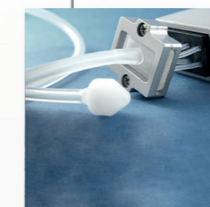
Filter for all Adapter cassettes

No.	Version	Qty	€, \$
ST-00AD	Adapter Cassettes	1	-
ST-00AD5	Pack of 5	5	-



Filter for Small Tube Cassettes

No.	Version	Qty	€, \$
ST-00MP	Small Cassettes	1	-
ST-00MP5	Pack of 5	5	-



Manifolds / Adapter for all cassettes

No.	Version	Qty	€, \$
ST-SP8ST	Standard Cassettes	1	-
ST-SP8ST5	Pack of 5 for Std. Cass.	5	-
ST-SP8SC	Small Tube Cass.	1	-
ST-SP8SC5	Pack of 5 Small Cass.	5	-

Adapters/Manifolds

- Adapter splits 8 silicone tubings into one larger single tubing
- For a prolonged distance between system and reagent
- Ideal for automated environments
- Supply tubing available with silicone or **PTFE (Teflon®)** in 40 cm - 200 cm lengths
- Fully autoclavable and reusable

* Testing Products and Services

You are welcome to test our products and services. Please contact us for starting a test-period of two months.

Products and services will only be invoiced in case of satisfactory results. Non-satisfactory products have to be sent back immediately after the test-period is finished.

All prices are excl. tax and any excise duties. The prices are non-binding while errors are excluded.

The calculation takes place in Euro at the prices valid on the day of the conclusion of the contract.

By placing an order, the buyer recognizes and accepts our general terms and conditions, which can be found at our website at www.steinle-labtec.com

Multidrop® is a registered trademark from Thermo Fisher Scientific®.



Steinle Labtechnology
Ernst-Reuter-Straße 72
63110 Rodgau
Germany

CEO Martin Pohl

Phone +49 (0)6106 62524 04
Fax +49 (0)6106 62524 05

mail@steinle-labtec.com
www.steinle-labtec.com