

1960

1970

1980

1990

2000


2010

2020


SUGAR AND SALT

Measuring Instruments


1964
TT-10
Pouch manufacture & packing
Measuring and filling




1972
TT-10B
Pouch manufacture & packing
Measuring and filling



1998
TT-9AXS
Pouch manufacture & packing
Gross measurement labyrinth seals




2018
TT-10AS1
Standing pouch



DRY FOODS

1986
TT-8AWZ
Pouch manufacture & filling



2009
TT-10D-F
Gusset
Gusset handling




2012
TT-8D
Large pouches




2017
TT-8DW
Large pouches



2012
TT-10CW(type2)
Small pouches
Productivity enhancement




2008
TL-AX7
Zippered sachets
High-speed interlocking pouch-making machine




RETORT PREPARED FOODS


1970
TT-4F
Fill/seal




1974
TT-6CP
Water resistance



1976
TT-6CP
Twin pouch
New packaging format support



1981
TL-A1
High-speed packing



1994
TT-9CW
High productivity



2001
TT-10CW
Small retort Pouch




2019
TT-10CWS
Small pouches




2000
TT-9CWS
Small pouches
High-speed packing & filling



1995
TL-A1S
Small pouches
High-speed packing & filling




2001
TL-AX1
High-speed packing & filling




CHEMICAL PRODUCTS


1978
TT-8C




1994
TT-9CW
Irregular pouches
Seal for detergent filling



2002
TL-AX2
High-speed packaging & liquid filling




2017
TT-12CR
Large pouches
Spout
High-speed packaging & liquid filling




VACUUM PACKAGING


1977
TVP-A1
Vacuum packing




1993
TVP-E4
Vacuum packing



2004
TVP-E2W
Vacuum packing
High productivity



2018
SV-E5
Vacuum packing
High productivity/
Labor-saving



SPOUT POUCHES

1993
TT-12C
Corner spout
Filling after spout attachment




2000
TX-300SP-1
Center spout
Spout attachment



2010
TX-150SP/
TT-15CF
Center spout
High-speed (4x) filling



2003
TX-100SPTT-15CW
Center spout
Spout attachment filling




2014
TT-10CR
New packaging formats




NON-BAG PACKAGING

1986
Bottles



2007
TY-12W
Tray
Tray packaging/
Gas displacement



1988
TR-2
Twisted tie
Twisted tie packaging

