



PUMP PARTS



Compatible w/MODELS:
LC-10ADvp, LC-20AD/AB,
LC-20ADXR, LC-30ADSF,
LC-2010

CTS-11297

OEM 228-35601-93,
Old# 228-34498-91,
228-35601-92

Sapphire Plunger

Compatible w/MODELS:
LC-10ADvp, LC-20AB,
LC-20AD, LC-20ADXR,
LC-30AD, LC-2010

11-3897

OEM 228-35602-91

Plunger Holder

Compatible w/MODELS:
LC-10ADvp, LC-20AD/AB,
LC-20ADXR, LC-30ADSF,
LC-2010

11-3795

OEM 228-35281-95

**Sapphire Plunger
w/Holder**

Compatible w/MODEL:
LC-10ATvp

CTS-10584

OEM 228-35009-92

**Ceramic Plunger
Assembly**

Compatible w/MODEL:
LC-10ADvp

11-4121

OEM 228-35281-91

**Ceramic Plunger Holder
Assembly, LC-10ADvp**

Compatible w/MODELS:
LC-20Ai, LC-20AT

CTS-11425

OEM 228-35009-93

Sapphire Plunger

Compatible w/MODELS:
LC-10ADvp, LC-20AD/AB,
LC-20ADvp

CTS-A138

OEM 228-35601-91,
Old# 228-34498-92

**Ceramic Plunger
Assembly**

Compatible w/MODEL:
LC-30AD

11-4073

OEM 228-52069-94

**LC-30AD Plunger Holder
Assembly, UHP2
(w/Diaphragm)**

Compatible w/MODELS:
LC-2010, LC-10AVvp,
LC-2030, LC-2040C,
SPD-20A/AV, SPD-40

CTS-21635

OEM 228-35097-95,
Old # 228-35097-01

Gasket, 2/pk

Compatible w/MODELS:
LC-10AD, LC-10ADvp,
LC-20AD/AB, LC-20ADXR,
LC-30ADSF, LC-2010,
LC-2010 HT

11-2891

OEM 228-32784-91,
Old# 228-24311-01,
228-31828-00

PTFE Diaphragm, 2/pk

Compatible w/MODELS:
LC-2030C 3D, LC-2040C
3D, SPD-M20A

CTS-21774

OEM 228-35097-96,
Old # 228-35097-93

Gasket (2/pk), I-Series

Compatible w/MODELS:
i-SERIES, LC-30AD

11-4122

OEM 228-55272-41

**PTFE Diaphragm,
LC-30AD/1-SERIES, 2/pk**

PUMP PARTS



Compatible w/MODELS:
LC-30AD, LC-40XR,
LC-40XS, LC-40X3
11-4126
OEM 228-52711-93,
Old# 228-52711-92
**Plunger Seal and
Back Up Ring**



Compatible w/MODELS:
LC-7A, LC-10Ai, LC-10AS,
LC-10AT, LC-10ATvp,
LC-20AR
CTS-10340
OEM 228-21975-00
Plunger Seal



Compatible w/MODELS:
LC-30AD, LC-40XR,
LC-40XS, LC-40X3
CTS-21677
OEM 228-62458-41,
Old# 228-48735-00
**Seal Installation Tool,
LC-30AD**



Compatible w/MODELS:
LC-10ATvp, LC-20AT,
LC-2010 A/C HT, LC-HT,
SIL-HTa, SIL-HTc, SIL-10ADvp,
SIL-20A/AC, SIL-20ACHT,
SIL-20ACXR, SIL-30AC,
SIL-30ACMP, SIL-2010
A/C HT
CTS-10694
OEM 228-35145-00
Plunger Seal



Compatible w/MODELS:
LC-10ATvp, LC-20AT,
LC-20Ai
CTS-21626
OEM 228-35935-00
Rinse Seal



Compatible w/MODELS:
LC-10Ai, LC-10AS, LC-10AT,
LC-10ATvp
CTS-10583
OEM 228-28499-00
Plunger Rinse Seal



Compatible w/MODEL:
LC-30AD
11-4150
OEM 228-53301-41
Tubing D-R Assembly



Compatible w/MODELS:
LC-20AD, LC-20AT,
SIL-20A/C
CTS-21015
OEM 228-16000-17,
Old# 228-16000-10,
228-16000-84
Ferrule, 1/16", SS, 3/pk



Compatible w/MODEL:
LC-30AD
11-4152
OEM 228-53300-41
Tubing D-L Assembly



Compatible w/MODELS:
LC-20ADXR, LC-30ADSF,
Nexera-i®
11-4133
OEM 228-32628-91
Gold Plunger Seal



Compatible w/MODELS:
LC-9A, LC-10AD,
LC-10ADvp, LC-20AD/AB,
LC-600, LC-2010 A/C HT
CTS-10693
OEM 228-35146-00,
Old# 228-18745-00
Plunger Seal



Compatible w/MODELS:
LC-10ADvp, LC-20AD/AB
CTS-10963
OEM 228-32628-00
Gold Plunger Seal

PUMP PARTS



Compatible w/MODELS:
LC-9A, LC-10AD, LC-600

CTS-A102
OEM 228-33492-91,
Old# 228-18522-91

Inlet Check Valve



Compatible w/MODEL:
LC-30AD

11-4060
OEM 228-52964-95,
Old# 228-52964-91,
228-52964-93

Inlet Check Valve



Compatible w/MODELS:
LC-9A, LC-10AD, LC-10AT,
LC-600

CTS-A103
OEM 228-32531-92,
Old# 228-18522-92

Outlet Check Valve



Compatible w/MODEL:
LC-30AD

CTS-21462
OEM 228-55230-41

Pump Head, LC-30AD



Compatible w/MODELS:
LC-10ADvp, LC-10AT,
LC-10ATvp, LC-20AD/
AB, LC-20ADXR, LC-20AT,
LC-20AR, LC-30AD

CTS-A11316
OEM 228-45707-91

**Suction Filter,
Stainless Improved**



Compatible w/MODELS:
LC-10ADvp, LC-10AT,
LC-10ATvp, LC-20AD/AB,
LC-20ADXR, LC-20AR,
LC-20AT, LC-30AD, LC-40,
i-SERIES

CTS-21352
OEM 228-45708-91,
Old # 228-39181-95, 228-12491-91,
228-45708-93

Suction Filter Assembly, SS



Compatible w/MODELS:
LC-10AT, LC-10ATvp

CTS-A117
OEM 228-32166-91

Inlet Check Valve



Compatible w/MODEL:
LC-20AD

CTS-21045
OEM 228-45590-91

SUS Tubing A



Compatible w/MODEL:
LC-10ADvp

CTS-A145
OEM 228-39093-92

Inlet Check Valve



Compatible w/MODEL:
LC-20AD

CTS-21044
OEM 228-45590-92

SUS Tubing B



Compatible w/MODELS:
SIL-10A, SIL-10Ai, SIL-10AXL,
SIL-10ADvp, SIL-20 A/C,
SIL-20ACHT, SIL-20A/CXR

CTS-21583
OEM 228-18565-84,
Old # 228-18565-00

PEEK™ Male Nut, 5/pk



Compatible w/MODELS:
LC-10ADvp, LC-10ATvp

CTS-A121
OEM 228-34976-91

Outlet Check Valve

PUMP PARTS



Compatible w/MODELS:
i-SERIES, LC-10ADvp,
LC-10ATvp, LC-20AD/AB XR,
LC-30ADSF

CTS-A11187
OEM 228-45705-91,
Old# 228-45563-95

Outlet Check Valve



Compatible w/MODELS:
LC-30AD, LC-30ADSF

11-4063
OEM 228-53334-96

Outlet Check Valve



Compatible w/MODEL:
LC-20AT

CTS-21147
OEM 228-48249-42
Old# 228-45704-92

Inlet Check Valve



Compatible w/MODEL:
LC-30AD

11-4129
OEM 228-35871-99

SS Line Filter



Compatible w/MODELS:
LC-20AD/AB, LC-20ADXR,
LC-20AT, LC-30ADSF,
i-SERIES

CTS-21145
OEM 228-48249-96,
Old# 228-48249-91,
228-45704-91, 228-45557-91

Inlet Check Valve



Compatible w/MODELS:
i-SERIES, LC-10ADvp,
LC-10AT, LC-10ATvp,
LC-20AD/AB, LC-20ADXR,
LC-20AR, LC-20AT,
LC-30ADSF, LC-2010

CTS-A11421
OEM 228-35871-96

Line Filter Assembly



Compatible w/MODELS:
LC-20ADXR, LC-40D,
LC-40D/XR

CTS-21732
OEM 228-45705-43

Outlet Check Valve



Compatible w/MODELS:
LC-10AD, LC-10ADvp,
LC-10ATvp, LC-20AD/AB,
LC-20Ai, LC-20AT,
LCMS-2020, LCMS-8030,
LCMS-8040, LCMS-8045,
LCMS-8050

CTS-11305
OEM 228-48607-91,
Old# 228-32744-00

PEEK™ 5µm Filter



Compatible w/MODELS:
LC-10AD, LC-10ADvp,
LC-10ATvp, LC-20AD/AB,
LC-20Ai, LC-20AT,
LCMS-2020, LCMS-8030,
LCMS-8040, LCMS-8045,
LCMS-8050

CTS-21770
OEM 228-48607-92

PEEK™ Frit 5/pk



Compatible w/MODELS:
LC-2030, LC-2030C,
LC-2030C 3D,
PROMINENCE-i™

CTS-21729
OEM 228-59372-46

Performance Maintenance Kit **KIT**

- Suction Filter, Stainless Improved (CTS-A11316) 5
- Line Filter Assembly (CTS-A11421) 1
- Plunger Seal (CTS-10693) 2
- Needle Seal, PEEK™ (CTS-21527) 1



Compatible w/MODEL:
LC-30AD

CTS-21526
OEM 228-54852-00

Jig, Diaphragm

AUTOSAMPLER



Compatible w/MODELS:
SIL-20 A/C, SIL-20ACHT,
SIL-HT, SIL-HTa, SIL-HTc

CTS-11312
OEM 228-41310-92
PEEK™ Rotor, HPV



Compatible w/MODELS:
LC-2010, LC-2010 HT,
SIL-20 A/C, SIL-20ACHT,
SIL-20ACXR, SIL-HT,
SIL-20HTa, SIL-20HTc

CTS-11313
OEM 228-36923-00
PEEK™ Rotor, LPV



Compatible w/MODELS:
SIL-20 A/C, SIL-20ACHT

CTS-11315
OEM 228-42325-01
**Needle Seal,
PEEK™ SIL-20**



Compatible w/MODELS:
SIL-20A/AC

CTS-21581
OEM 228-48258-91,
Old# 228-48249-92
**Needle Seal, Vespel®,
SIL-20A/AC**



Compatible w/MODELS:
SIL-20A/AC/ACXR, i-SERIES,
SFE-30A

CTS-21527
OEM 228-50390-00
Needle Seal, PEEK™



Compatible w/MODELS:
SIL-30AC, SIL-30ACMP

11-4048
OEM 228-53178-91
**PEEK™ Needle Seal,
SIL-30AC, SIL-30ACMP**



Compatible w/MODELS:
SIL-30AC, SIL-30ACMP

11-4052
OEM 228-52253-00
**Needle Seal, SIL-30AC,
SIL-30ACMP**



Compatible w/MODEL:
SIL-30AC

CTS-21089
OEM 228-57729-41
**Needle Seal, (For pH 1-14,
for operation up to
130 MPa)**



Compatible w/MODELS:
SIL-10A, SIL-10Ai, SIL-10AXL

CTS-A106
OEM 228-21217-91
Rotor Seal



Compatible w/MODELS:
LC-2010, SIL-10Advp,
SIL-10AXL

CTS-10686
OEM 228-33355-04

Needle Seal, Vespel®



Compatible w/MODELS:
SIL-10Advp, SIL-10AXL/vp,
SIL-HT, SIL-HTa, SIL-HTc

CTS-11435
OEM 228-33355-01
Seal, Needle PEEK™



Compatible w/MODELS:
SIL-30AC, SIL-30ACMP

11-4179
OEM 228-52139-00
**HPV Rotor, SIL-30AC,
SIL-30ACMP**



Compatible w/MODELS:
SIL-30AC, SIL-30ACMP

11-4180
OEM 228-51922-00
**LPV Rotor, SIL-30AC,
SIL-30ACMP**

AUTOSAMPLER



Compatible w/MODEL:
SIL-10ADvp

CTS-10942
OEM 228-21217-97
Rotor Seal



Compatible w/MODELS:
SIL-30AC, SIL-30ACMP

CTS-21261
OEM 228-41024-95
**Pt Coated Needle,
30 Series**



Compatible w/MODELS:
SIL-10A, SIL-10Ai, SIL-10AXL

CTS-10578
OEM 228-25237-04
Syringe, 500µL



Compatible w/MODEL:
LC-10A/FCV-12AH/
FCV-20AH2

CTS-21302
OEM 228-21217-94
Rotor Seal



Compatible w/MODELS:
SIL-20A/AC,
SIL-30AC/ACMP, i-SERIES

CTS-21690
OEM 228-48331-92
**Rinse Port Cap (w/hole),
10/pk**



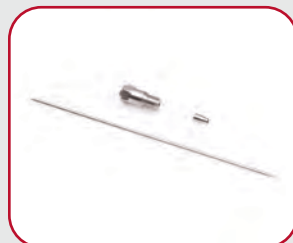
Compatible w/MODELS:
LC-2010, SIL-20A/AC,
SIL-20ACHT

CTS-21262
OEM 228-41024-94
**Needle, Uncoated 20
Series**



Compatible w/MODELS:
LC-2010 A/C HT, LC-HT,
SIL-10ADvp, SIL-20A/AC,
SIL-30AC, SIL-30ACMP

CTS-11434
OEM 228-35010-91
Sapphire Plunger



Compatible w/MODELS:
SIL-20A/C, SIL-20A/CXR

CTS-21263
OEM 228-41024-93
**Pt Coated Needle,
20 Series**



Compatible w/MODELS:
LC-10ATvp, LC-20AT, LC-2010
A/C HT, LC-HT, SIL-HTa,
SIL-HTc, SIL-10ADvp,
SIL-20A/AC, SIL-20ACHT,
SIL-20ACXR, SIL-30AC,
SIL-30ACMP, SIL-2010 A/C HT

CTS-10694
OEM 228-35145-00
Plunger Seal



Compatible w/MODELS:
SIL-30AC, SIL-30ACMP

CTS-21264
OEM 228-41024-96
Uncoated Needle Kit



Compatible w/MODEL:
LC-2010

CTS-21564
OEM 228-41024-91
Needle, Uncoated 10 Series



Compatible w/MODEL:
SIL-30AC

CTS-21422 KIT
OEM 228-52401-92
Needle Seal Kit

AUTOSAMPLER



Compatible w/MODELS:
LC-20AD, LC-20AT, SIL-AC

CTS-21015
OEM 228-16000-17,
Old# 228-16000-10,
228-16000-84

Ferrule, 1/16", SS, 3/pk



Compatible w/MODELS:
SIL-30ACMP

CTS-21533
OEM 228-56950-41

**Air Filter, 2/pk
SIL-30ACMP**



Compatible w/MODELS:
i-Series, SIL-20A/AC, SIL-20A/
AC/ACXR and SFE-30A

CTS-21621
OEM 228-50452-93

**Needle Seal Kit,
SIL-20AXR/ACXR**



Compatible w/MODELS:
SIL-20AXR/ACXR, SFE-30A

CTS-21676
OEM 228-50392-00

HPV Cap

DETECTOR LAMPS



Compatible w/MODELS:
SPD-10A, SPD-10AV,
SPD-10AVvp, SPD-20AV

CTS-00135
OEM 228-34016-02

Deuterium Lamp (2000 hr)



Compatible w/MODELS:
LC-2030 3D, LC-2040 3D

CTS-21693
OEM 228-34410-41,
Old # 062-65012-04,
228-34410-91

Tungsten Lamp, i-Series



Compatible w/MODELS:
SPD-M10Avp, SPD-M20A

CTS-21694
OEM 228-34016-00

**Deuterium Lamp,
SPD-M10Avp/M20A
(2000hr)**

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