

Ohio Medical's Push-To-Set[®] Intermittent and Continuous Vacuum Regulators (ISO & ANSI)



Ohio Medical Corporation's Push-To-Set™ (PTS) family of vacuum regulators come with our durable, time tested, quality design you have come to know.

Clear markings

show what mode the unit is in

Top mounted on/off switch
for ease of use

Stat Set-Up

Intermittent mode starts in the "ON" cycle - No waiting

Glow-in-the dark gauge

provide visibility in low-light situations

Smaller, sleek design
for tight spaces

Moderate Flow Rates

- safer for normal suctioning
- high for resuscitation

Quietest
on the market

Patented Push-To-Set™

Built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels

Fully adjustable timing cycles
preset to 15 seconds On / 8 seconds OFF

Quick-To-Max

Only 2 turns from 0 to full wall vacuum



Also available with a Digital Gauge
Large, easy to read display

Tough, Reliable

- survives dropping
- holds calibration



Digital Accuracy
for patient safety
+/- 1% of full scale

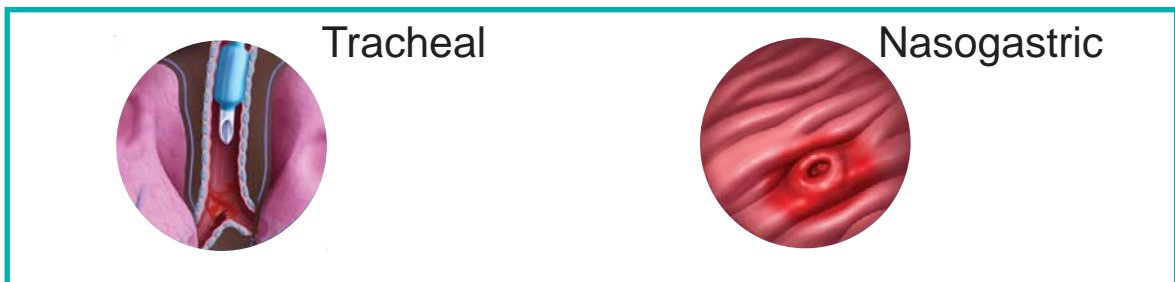
Did You Know?

Higher than recommended suction levels are frequently set for most common suctioning procedures.

Fact: If occlude-to-set is not performed, over-suctioning may occur*

Fact: Higher than recommended suction levels may lead to tissue damage/bleeding*

Fact: Tissue tears may lead to infection*



Why PTS dramatically improves setting clinical vacuum settings

Patented Push-To-Set™ built-in feature eliminates the need to occlude patient tubing to set accurate vacuum levels



Removes a step in setting vacuum level, while ensuring greater patient safety

One simple one-handed step

*Reference Neonatal Intensive Care, May-June 2008 Issue, Article: Enhancing the Safety of Medical Suction Through Innovative Technology, by Patricia Carroll, RN, BC, CEN, RRT, MS

Push-To-Set™ Adult Intermittent Suction Regulators (ISU) (Analog or Digital)



8700-1253-900
Counterclockwise gauge
Adult
(ISO)



8700-1251-900
Clockwise gauge
Adult
(ANSI)



8700-1351-900 (ANSI)
8700-6353-900 (ISO)
Adult

Technical Specifications

| | |
|--------------------|---|
| Safety Feature: | Push-To-Set™ Automatic occlusion device Quick-To-Max (2 turns to full wall vacuum) One hand to set vacuum level |
| Flow Rate: | Intermittent: Preset at 8 L/min per ASTM* Continuous: 0 to 80 L/min (without fittings at full increase) |
| Timing: | Easily adjustable without cover or gauge removal Silent ON/OFF switching Preset 15 seconds ON / 8 seconds OFF (range: ± 3 seconds) Front case adjustable at bedside Begins in the “ON” mode |
| Vacuum Range: | 0-27 kPa (0 to 200 mmHg) and full available wall vacuum |
| Gauge Display: | Analog: Glow in the dark in low or no light environments Digital: Large, easy to read display with range indicators |
| Gauge Accuracy: | Analog: ± 10 mmHg or ±5% Full Scale Deflection Digital: ± 1% of full scale or 0-200 Gauge: ± 2.0mmHg |
| Battery (Digital): | Primary Lithium: 2/3AA, 3.6V, 1.6 Ah |



*American Society for Testing & Materials

Push-To-Set™ Pediatric/Neonatal Intermittent Suction Regulators (ISU) (Analog or Digital)



8700-1273-900
Pediatric
(ISO)



8700-1271-900
Pediatric
(ANSI)



8700-1371-900 (ANSI)
8700-6373-900 (ISO)
Pediatric



8700-1279-900
Neonatal
(ANSI)



8700-1372-900 (ANSI)
8700-6372-900 (ISO)
Neonatal

Technical Specifications

| | |
|--------------------|---|
| Safety Feature: | Push-To-Set™ Automatic occlusion device Quick-To-Max (2 turns to full wall vacuum) One hand to set vacuum level Positive Pressure Safety Relief Valve |
| Flow Rate: | Intermittent: preset at 8 L/min per ASTM* Continuous: 0 to 80 L/min (without fittings at full increase) |
| Timing: | Easily adjustable without cover or gauge removal Silent ON/OFF switching Preset 15 seconds ON / 8 seconds OFF (range: ± 3 seconds) Front case adjustable at bedside Begins in the "ON" mode |
| Gauge Range: | 0 to 160 mmHg |
| Gauge Display: | Analog: Glow in the dark in low or no light environments Digital: Large, easy to read display with range indicators |
| Gauge Accuracy: | |
| Analog: | ± 8 mmHg or ±5% Full Scale Deflection |
| Digital: | ± 1.0 mmHg or 1% of full scale deflection |
| Battery (Digital): | Primary Lithium: 2/3AA, 3.6V, 1.6 Ah |



*American Society for Testing & Materials

Push-To-Set™ Adult Continuous Vacuum Regulator (CVR) (Analog or Digital)



8700-1224-900
Adult
(ANSI)



8700-1324-900
Adult
(ANSI)



8700-1229-900
Adult
(ISO)



8700-1226-900
Adult
(ANSI)



8700-1326-900 (ANSI)
8700-1329-900 (ISO)
Adult

Standard Three Mode Continuous (Adult)

Modes: I (On), O (OFF), MAX

Gauge: Standard 0-27 kPa (0-200 mmHg-
Full Vacuum)

Color Band: Low, Medium, High & Full
Vacuum

dInstantaneous Full Wall Vacuum Mode

High Three Mode Continuous (Adult)

Modes: I (ON), O (OFF), MAX

Gauge: High Vacuum 0-100 kPa (0-760 mmHg)

Color Band: Solid orange/variable to orange

Instantaneous Full Wall Vacuum Mode



8700-1225-900
Adult
(ANSI)



8700-1325-900
Adult
(ANSI)



8700-1230-900
Adult
(ISO)



8700-1330-900
Adult
(ANSI)



8700-1430-900 (ANSI)
8700-1337-900 (ISO)
Adult

Standard Two Mode Continuous (Adult)

Modes: I (ON), O (OFF)

Gauge: Standard 0-27 kPa (0-200 mmHg-
Full Vacuum)

Color Band: Low, Medium, High & Full
Vacuum

High Two Mode Continuous (Adult)

Modes: I (ON), O (OFF)

Gauge: High Vacuum 0-100 kPa (0-760 mmHg)

Color Band: Solid orange/variable to orange

Push-To-Set™ Pediatric/Neonatal Continuous Vacuum Regulator (CVR)(Analog or Digital)



8700-1232-900
Neonatal
(ISO)

8700-1231-900
Neonatal
(ANSI)

8700-1331-900 (ANSI)
8700-1332-900 (ISO)
Neonatal

8700-1235-900
Pediatric
(ISO)

8700-1234-900
Pediatric
(ANSI)

8700-1334-900 (ANSI)
8700-1335-900 (ISO)
Pediatric

Two Mode Low NEO Continuous

Modes: I (ON), O (OFF)

Gauge: Low Vacuum 0-13 kPa (0-100 mmHg)

Color Band: Low, Medium, High

Two Mode Low PED Continuous

Modes: I (ON), O (OFF)

Gauge: Low Vacuum 0-21 kPa (0-160 mmHg)

Color Band: Low, Medium, High

Technical Specifications

Safety features: Push-To-Set™ passive, safe vacuum level selection
Quick to Max - 2 turns or less to full wall vacuum resuscitation
One hand to set vacuum level correctly and safely
Negative Pressure Safety Relief Valve (NEO & PED Units)



Gauge Accuracy:

Analog: ±5% full scale deflection
Digital: ±1% of full scale deflection or

0-13 kPa (0-100 Gauge): ± 1.0 mmHg
0-21 kPa (0-160 Gauge): ± 1.6 mmHg
0-27 kPa (0-200 Gauge): ± 2.0 mmHg
0-100 kPa (0-760 Gauge): ± 7.6 mmHg

Vacuum Range: 0-13 KpA (0-100 mmHg)(NEO); 0-19 KpA (0-130 mmHg)(PED);
0-27 KpA (0-200 mmHg) and up to full wall vacuum (Standard); 0-100 KpA
(0-760 mmHg)(High)

Gauge Display: Analog: Glow in the dark in low or no light environments
Digital: Large, easy to read display

Flow Rate: Adult: 0-80 Lpm without fittings at full increase
Low NEO/PED: 0-59 Lpm without fittings at full increase

Battery: Primary Lithium 2/3AA, 3.6V, 1.6 Ah

Color Coding Labels

Color Code your Push-To-Set™ ISU or CVR Vacuum Regulators.
 A solution for labeling your regulators to show department ownership or special clinical applications.
 Can be used on either Analog or Digital Regulators, ISO or ANSI



Intermittent Suction Unit



Continuous Vacuum Regulator



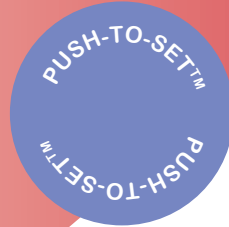
8700-0010-101
GOLD
 (5 labels per sheet)



8700-0010-102
PEACH
 (5 labels per sheet)



8700-0010-103
WATERMELON
 (5 labels per sheet)



8700-0010-104
PURPLE
 (5 labels per sheet)



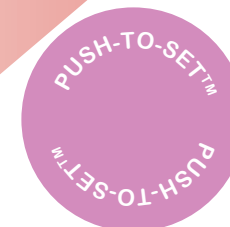
8700-0010-105
TEAL
 (5 labels per sheet)



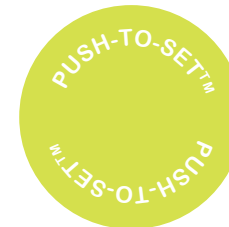
8700-0010-106
BLUE
 (5 labels per sheet)



8700-0010-107
LIGHT GRAY
 (5 labels per sheet)



8700-0010-108
PINK
 (5 labels per sheet)



8700-0010-109
LIME
 (5 labels per sheet)



8700-0010-110
DARK GRAY
 (5 labels per sheet)

Color Coding

Color Code your Push-To-Set™ Digital ISU or CVR Vacuum Regulators.
A solution for labeling your regulators to show department ownership or special clinical applications.
Color cases are only available with a digital gauge.



Blue



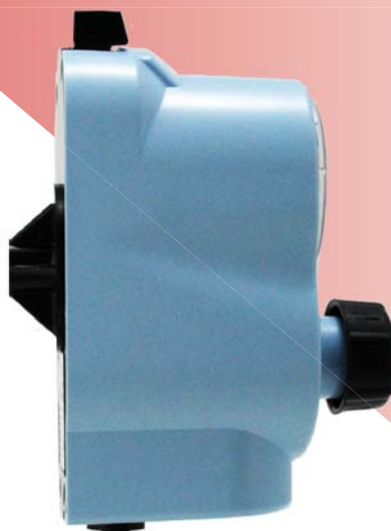
Yellow



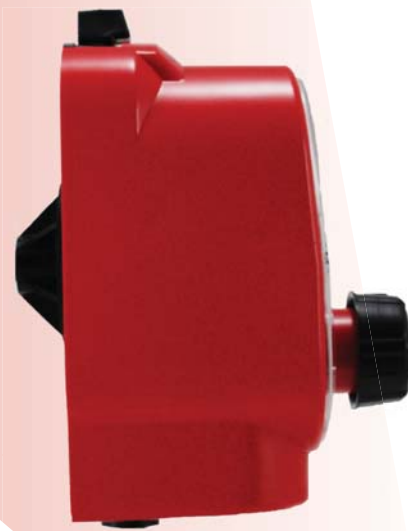
Purple



Pink



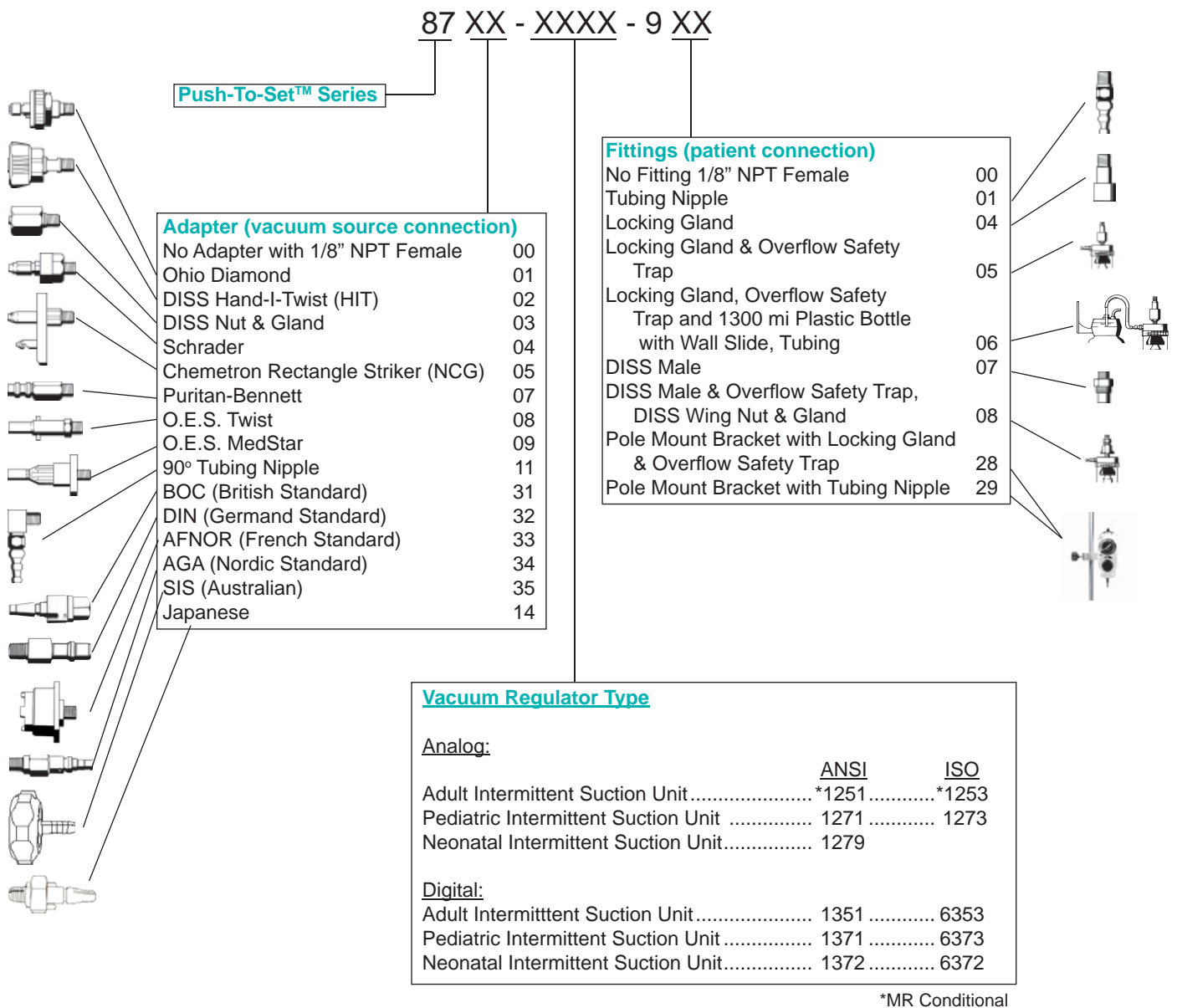
Lt. Blue



Red

Additional colors are available for an additional charge.
Please contact inside sales at 1-847-855-0800

Ordering Matrix - Intermittent Suction Unit



| Digital PTS Regulators (Colors) | Yellow | Blue | Pink | Red | Lt. Blue | Purple |
|--|--------|------|------|------|----------|--------|
| Intermittent Suction Unit (ISO) | 6453 | 6553 | 6653 | 6753 | 6853 | 6953 |
| Intermittent Suction Unit/Pediatric (ISO) | 6473 | 6573 | 6673 | 6773 | 6873 | 6973 |
| Intermittent Suction Unit/Neonatal (ISO) | 6472 | 6572 | 6672 | 6772 | 6872 | 6972 |
| Intermittent Suction Unit (ANSI) | 1451 | 1551 | 1651 | 1751 | 1851 | 1951 |
| Intermittent Suction Unit/Pediatric (ANSI) | 1471 | 1571 | 1671 | 1771 | 1871 | 1971 |
| Intermittent Suction Unit/Neonatal (ANSI) | 1472 | 1572 | 1672 | 1772 | 1872 | 1972 |

Ordering Matrix - Continuous Vacuum Regulator

87 XX - XXXX - 9 XX

Push-To-Set™ Series

Adapter (vacuum source connection)

| | |
|-----------------------------------|----|
| No Adapter with 1/8" NPT Female | 00 |
| Ohio Diamond | 01 |
| DISS Hand-I-Twist (HIT) | 02 |
| DISS Nut & Gland | 03 |
| Schrader | 04 |
| Chemetron Rectangle Striker (NCG) | 05 |
| Puritan-Bennett | 07 |
| O.E.S. Twist | 08 |
| O.E.S. MedStar | 09 |
| 90° Tubing Nipple | 11 |
| BOC (British Standard) | 31 |
| DIN (Germand Standard) | 32 |
| AFNOR (French Standard) | 33 |
| AGA (Nordic Standard) | 34 |
| SIS (Australian) | 35 |
| Japanese | 14 |

Fittings (patient connection)

| | |
|--|----|
| No Fitting 1/8" NPT Female | 00 |
| Tubing Nipple | 01 |
| Locking Gland | 04 |
| Locking Gland & Overflow Safety Trap | 05 |
| Locking Gland, Overflow Safety Trap and 1300 ml Plastic Bottle with Wall Slide, Tubing | 06 |
| DISS Male | 07 |
| DISS Male & Overflow Safety Trap, DISS Wing Nut & Gland | 08 |
| Pole Mount Bracket with Locking Gland & Overflow Safety Trap | 28 |
| Pole Mount Bracket with Tubing Nipple | 29 |

Vacuum Regulator Type

| | ANSI | ISO |
|---|-------|------|
| Analog: | | |
| 3-Mode Adult Continuous Vacuum Regulator..... | *1224 | |
| 2-Mode Adult Continuous Vacuum Regulator..... | *1225 | |
| 3-Mode Adult High Continuous Vacuum Regulator | *1226 | 1229 |
| 2-Mode Adult High Continuous Vacuum Regulator | *1330 | 1230 |
| 2-Mode Pediatric Continuous Vacuum Regulator..... | 1234 | 1235 |
| 2-Mode Neonatal Continuous Vacuum Regulator | 1231 | 1232 |
| Digital: | | |
| 3-Mode Adult Continuous Vacuum Regulator..... | 1324 | |
| 2-Mode Adult Continuous Vacuum Regulator..... | 1325 | |
| 3-Mode Adult High Continuous Vacuum Regulator | 1326 | 1329 |
| 2-Mode Adult High Continuous Vacuum Regulator | 1430 | 1337 |
| 2-Mode Pediatric Continuous Vacuum Regulator..... | 1334 | 1335 |
| 2-Mode Neonatal Continuous Vacuum Regulator | 1331 | 1332 |

*MR Conditional

| Digital PTS Regulators (Colors) | Yellow | Blue | Pink | Red | Lt. Blue | Purple |
|-----------------------------------|--------|------|------|------|----------|--------|
| 3-Mode High CVR (ISO) | 1429 | 1529 | 1629 | 1729 | 1829 | 1929 |
| 2-Mode High CVR (ISO) | 1437 | 1537 | 1637 | 1737 | 1837 | 1937 |
| 2-Mode PED (0-160mmHg) CVR (ISO) | 1435 | 1535 | 1635 | 1735 | 1835 | 1935 |
| 2-Mode NEO (0-100mmHg) CVR (ISO) | 1432 | 1532 | 1632 | 1732 | 1832 | 1932 |
| 3-Mode Standard CVR (ANSI) | 1424 | 1524 | 1624 | 1724 | 1824 | 1924 |
| 3-Mode High CVR (ANSI) | 1426 | 1526 | 1626 | 1726 | 1826 | 1926 |
| 2-Mode Standard CVR (ANSI) | 1425 | 1525 | 1625 | 1725 | 1825 | 1925 |
| 2-Mode High CVR (ANSI) | 1530 | 1630 | 1730 | 1830 | 1930 | 1030 |
| 2-Mode PED (0-160mmHg) CVR (ANSI) | 1434 | 1534 | 1634 | 1734 | 1834 | 1934 |
| 2-Mode NEO(0-100mmHg) CVR (ANSI) | 1431 | 1531 | 1631 | 1731 | 1831 | 1931 |

Overflow Safety Traps and Filters

Overflow Safety Traps



Overflow Safety Trap with Locking Gland
6700-0365-901



Overflow Safety Trap with Hand-I-Twist (HIT)
6702-0365-901



Overflow Safety Trap with DISS Wing Nut & Gland
6703-0365-901



Overflow Safety Trap with DISS Male Adapter
6714-0365-901

Filters



Tubing x Tubing nipple

Package of 10
Package of 50

6730-0571-800
6730-0572-800



1/8" NPT Threaded x Tubing nipple

Package of 10
Package of 50

6730-0581-800
6730-0582-800



Medical Corporation®

always there | for life

Suction & Oxygen Therapy Devices
Portable Suction Machines
Medical Gas Pipeline Equipment
Vacuum & Air Compressor Packages and Accessories

Vacuum Regulators - Quick Reference Chart

| Type of Regulator | Model Type | Adult | Pediatric | Neonatal |
|--|------------|-------|-----------|---------------|
| Push-To-Set™ Intermittent Suction Unit (Analog) | | X | X | X (ANSI Only) |
| Push-To-Set™ Continuous Vacuum Regulator (Analog) | | X | X | X |
| Push-To-Set™ Intermittent Suction Unit (Digital) | | X | X | X |
| Push-To-Set™ Continuous Vacuum Regulator (Digital) | | X | X | X |
| Intermittent Suction Unit (Analog) | | X | X | |
| Continuous Vacuum Regulator (Analog) | | X | X | |
| Thoracic Vacuum Regulator (Analog) | | X | | |
| Surgical/Free-Flow Vacuum Regulator (Analog) | | X | | |

ISO13485



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