



**MEDI-CLAVE**  
Turnkey solutions for today's cssd

**AT-OS** DISINFECTION TECHNOLOGY  
Exclusive Distributor

**Sterintech**™

**iiw**  
SANS 347:2019  
ISO 3834 Parts 2&5  
SAIW Accredited Certification

ISO 9001:2015  
SANS Accredited  
Certification C 900

ISO 13485:2016  
SANS Accredited  
Certification C 900

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurveberg Ext488, Pretoria, South Africa

P.O. Box 1652 Hartbeespoort 0216 South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918

Email: sales@medi-clave.co.za  
services@medi-clave.co.za

## Infectious Waste Steam Autoclaves:

- JSD260L** Capacity 26kg of hospital infectious waste per cycle
- JSD440L** Capacity 45kg of hospital infectious waste per cycle
- JSD1300L** Capacity 135kg of hospital infectious waste per cycle
- JSD7000L** Capacity 720kg of hospital infectious waste per cycle
- JSD14000L** Capacity 1440kg of hospital infectious waste per cycle



Earth's ability to absorb waste is a major influence on the adaptation of waste-treatment technologies.



**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurvelberg Ext488, Pretoria, South Africa  
P.O. Box 1652 Hartbeespoort 0216 South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za services@medi-clave.co.za

ISO 9001:2015  
ISO 13485:2016  
SACAS

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

The key objectives in considering any technology or protocol should be the:

- hazardous factor to healthcare workers, communities and the environment
- sustainability, simplicity, reliability, viability and effectivity of the equipment
- initial capital layout of the equipment
- long term cost effectivity of the equipment
- 'ease of use' of the equipment
- back up service and onsite technical support
- Energy efficiency
- Water usage
- Chamber load capacity







**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
SACAS  
ISO 9001:2015  
SACAS  
ISO 13485:2016  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic,  
Schurvelberg Ext488,  
Pretoria,  
South Africa

P.O. Box 1652  
Haribeesport  
0216  
South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918

Email: sales@medi-clave.co.za  
services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## The key features of the technology are as follows:

- An autoclave uses pressurized steam at 134° C alternating with vacuum cycles to achieve high levels of sterilization. It was tested with sterilizing indicators and bacterial spores far more resistant to steam or than the Ebola virus.
- Microbial destruction exceeds the international STAATT II standard for medical waste by an order of magnitude.
- Medi-Clave Infectious waste autoclaves were developed in collaboration with the United Nations Development Programme's Global Environment Facility (GEF) Project on Healthcare Waste.
- Stockholm Convention on POPs
  - Article 5:  
*Countries shall promote the use of best environmental practices (BEP)  
Countries shall require the use of best available techniques (BAT)*
  - Annex C  
*"Priority consideration" should be given to alternative technologies that avoid formation of dioxins & furans*
- Meets international pressure vessel standard.
- Ease of operation and easy sliding door
- From Science to Action,  
working for a safer tomorrow.



Developed in collaboration with the  
United Nations Development Programme's  
Global Environment Facility



(GEF) Project  
on Healthcare Waste



October 2014

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.



## WASTE STEAM AUTOCLAVE

United Nations Development Programme

### Barrel Loading System



- \* Effective, easy to use, robust, affordable, and appropriate for the conditions in Africa
- \* Multiple vacuum autoclave with sterilization at 134°C or 121°C
- \* Manufactured by Medi-Clave Pty Ltd (Pretoria, RSA)
- \* Developed in collaboration with the GEF/UNDP Project
- \* 260 - 440 litres chamber, 1 to 1.5 hours cycle time per cycle
- \* Dimensions: 1.1m x 1.5m x 2m high
- \* Certified to meet or exceed international autoclave standards (ASME, STAATT)
- \* Includes boiler, all stainless steel construction
- \* Easy sliding door
- \* Low maintenance and reliable
- \* Special trolley with barrel to collect waste; the whole barrel slides into the autoclave to be sterilized after treatment, the barrel rotates to dump out treated waste





**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
ISO 9001:2015  
ISO 13485:2016  
SACAS Accredited Certification

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, P.O. Box 1652  
Schurbeerg Ext488, Hartbeespoort  
Pretoria, 0216  
South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za  
services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.



## WASTE STEAM AUTOCLAVE

United Nations Development Programme

### JSD 260 - 440 L Barrel Loading System

### Operational instructions



Place waste inside stainless steel barrel and close the lid



When barrel is full, take to autoclave



Slide barrel into autoclave



Close sliding door



Start heating, multi-vacuum and sterilization cycles



When finished, open the door and remove sterilized barrel



Unlock & rotate barrel to dump treated waste at the bottom



Barrel and trolley are ready to pick up more waste



www.medi-clave.co.za



**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

Head Office Contact Details  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurvelberg Ext488, Pretoria, South Africa  
P.O. Box 1652, Haribeesport, 0216, South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za, services@medi-clave.co.za

ISO 9001:2015  
ISO 13485:2016  
SACAS

iiw  
SANS 10401:2012  
ISO 3834 Parts 5&6  
ANW Accredited Certification

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.



## Medi-Clave Key Advantages:

- In the 'health-care sector' a "wet-load" is considered as "Un-Sterilize! With this mind set and technology at hand, our processed waste emerges more compact and drier making the sterilized waste contents much easier to handled and shred, posing a huge advantage over other imported waste-autoclaves.
- In the health-care sector it also all about steam-penetration Medi-Clave waste units ensure deep penetration with pre-programable pulsation cycles drastically shortened cycle times which do not rely on steam gravity displacement for penetration ensuring rapid and uniform disinfection deep within.
- 'Water Saving Technology' is introduced to reduce water consumption and each autoclave records the water usage per cycle along with all the cycle parameters for record keeping purposes.
- Medi-Clave has a team of Service Technicians based across South Africa and Africa with locally sourced parts for reduced costs and downtime.





**MEDI-CLAVE**  
Turnkey solutions for today's cssd

Head Office Contact Details  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurvelberg Ext488, Pretoria, South Africa  
P.O. Box 1652, Haribeesport, 0216, South Africa

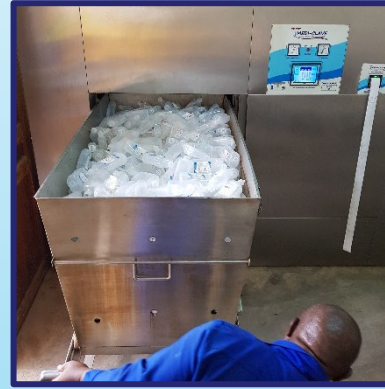
Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za, services@medi-clave.co.za

ISO 9001:2015  
SACAS  
ISO 13485:2016  
SACAS

AT-OS Exclusive Distributor Sterintech™

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

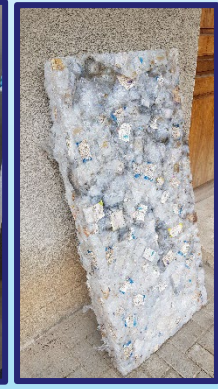


Before

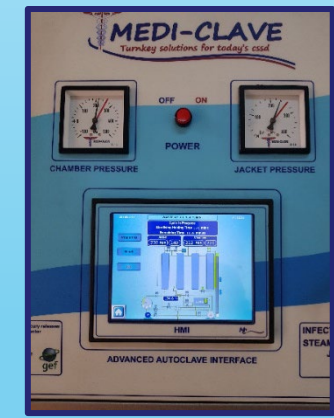


After

*Note: Dryness Factor & Reduction In Volume*



## JSD 1300L Fully Automatic PLC Controlled Unit





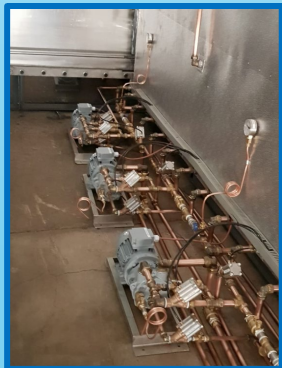
# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## JSD 7000L Fully Automatic PLC Controlled Unit



- Custom made stainless bins as per client requirements
- Three Bins loaded per cycle
- Autoclave bags or cardboard boxes loaded into bins
- Bins emptied into shredder for disposal







**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
SANS 347:2019  
ISO 3834 Parts 5&6  
ANW Accredited Certification

**ISO 9001:2015**  
SACAS

**ISO 13485:2016**  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurweberg Ext488, Pretoria, South Africa  
P.O. Box 1652, Hartbeespoort, 0216, South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918

Email: sales@medi-clave.co.za  
services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## JSD 7000L Fully Automatic PLC Controlled Unit

### TECHNICAL SPECIFICATIONS:

Model JSD7000

#### TYPE:

Fully Automatic Sterilizing Cycles with Sliding Door

INFECTIOUS WASTE 134:

Sterilizing 134° C @15min Drying -60Kpa@5min

INFECTIOUS WASTE 121:

Sterilizing 121° C @30min Drying -60Kpa@5min

PROCESSING CYCLE TIME:

30min's - 50min's (Cycle configuration and load dependant)

CHAMBER CAPACITY:

7000 Litres

INNER SIZE (Chamber):

4150mm x 1200mm x 1400mm (L) x (B) x (H)

OUTER SIZE (Footprint Required):

6000mm x 2500mm (L) x (B)

NET WEIGHT:

+/- 8Ton

CHAMBER:

Horizontal rectangular high polished stainless steel.

JACKET:

Unique cell design jacket chamber with 15year life expectancy.

(square chamber ensures higher volume throughput)

(heated chamber ensures drier loads post decontamination)

VOLTAGE:

380-400 V ,3 Phase L1,L2,L3,Neultral + Earth (6kw)

DRAIN:

50mm Galvanised open drain

BOILER:

Electrical steam generator bank 8 x 48Kw Steam generators

VOLTAGE:

380-400 V ,3 Phase L1,L2,L3,Neultral + Earth 610 Amp Per Phase



**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
ISO 3834 Parts 2&5  
AS/NZS Accredited Certification

**ISO 9001:2015**  
SACAS

**ISO 13485:2016**  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurweberg Ext488, Pretoria, South Africa  
P.O. Box 1652, Harbeespoort, 0216, South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918

Email: sales@medi-clave.co.za  
services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## JSD 7000L Fully Automatic PLC Controlled Unit

MAXIMUM STEAM DEMAND (Kg)	750kg/h
STEAM USAGE PER CYCLE (KG)	350kg (per cycle load dependant)
MICROBIAL DESTRUCTION:	Exceeds STAATT II microbial inactivation standard by a factor of 10
WATER SUPPLY:	Soft water ¾” pipe @ 300Kpa Water usage per cycle including condensed steam - 520lts (load dependant)
COMPRESSED AIR (mPa):	0,5-0,8 (Pneumatic Air Valves)
VACCUUM PUMP:	Rapid deep penetrating, silent operating, low maintenance
DESIGNED TEMPERATURE:	141 °C
WORKING TEMPERATURE:	134 °C or 121 °C
FULLY AUTOMATIC:	Fully automatic PLC operated control system with soft touch 7” Display
DESIGN PRESSURE:	300Kpa
CHAMBER MATERIAL:	Stainless Steel 3CR12 / 304 / 316 / Duplex or Boiler Plate
ACCESSORIES INCLUDED:	6 x Transport Bins (1600lt per bin)
PROCESSING VOLUME:	3 x 1600lt = 4800lts/cycle x 150kg/m3 = 720kg/cycle
STANDARDS:	ASME VIII, ISO 3834 Accreditation





**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
SANS: 347 2019  
ISO 3834 Parts 5&6  
ANW Accredited Certification

**ISO 9001:2015**  
SACAS

**ISO 13485:2016**  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, P.O. Box 1652  
Schurweberg Ext488, Hartbeespoort  
Pretoria, 0216  
South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918

Email: sales@medi-clave.co.za  
services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## JSD 14000L Fully Automatic PLC Controlled Unit

### TECHNICAL SPECIFICATIONS:

Model JSD14000

#### TYPE:

Fully Automatic Sterilizing Cycles with Sliding Door

INFECTIOUS WASTE 134:

Sterilizing 134° C @15min Drying -60Kpa@5min

INFECTIOUS WASTE 121:

Sterilizing 121° C @30min Drying -60Kpa@5min

PROCESSING CYCLE TIME:

30min's - 50min's (Cycle configuration and load dependant)

CHAMBER CAPACITY:

14000 Litres

INNER SIZE (Chamber):

8300mm x 1200mm x 1400mm (L) x (B) x (H)

OUTER SIZE (Footprint Required):

1000mm x 2500mm (L) x (B)

NET WEIGHT:

+/- 14Ton

CHAMBER:

Horizontal rectangular high polished stainless steel.

JACKET:

Unique cell design jacket chamber with 15year life expectancy.

(square chamber ensures higher volume throughput)

(heated chamber ensures drier loads post decontamination)

VOLTAGE:

380-400 V ,3 Phase L1,L2,L3,Neultral + Earth (12Kw)

DRAIN:

110mm Galvanised open drain

BOILER:

Electrical steam generator bank 16 x 48Kw Steam generators

VOLTAGE:

380-400 V ,3 Phase L1,L2,L3,Neultral + Earth 610 Amp Per Phase



**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurweberg Ext488, Pretoria, South Africa  
P.O. Box 1652, Haribeesport, 0216, South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za, services@medi-clave.co.za

ISO 9001:2015 SACAS  
ISO 13485:2016 SACAS  
iivw  
SANS 347:2019  
ISO 3834 Parts 5&6  
ANW Accredited Certification

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## JSD 14,000L Fully Automatic PLC Controlled Unit

MAXIMUM STEAM DEMAND (Kg)	1200kg/h
STEAM USAGE PER CYCLE (KG)	700kg (per cycle load dependant)
MICROBIAL DESTRUCTION:	Exceeds STAATT II microbial inactivation standard by a factor of 10
WATER SUPPLY:	Soft water ¾" pipe @ 300Kpa Water usage per cycle including condensed steam - 1000lts (load dependant)
COMPRESSED AIR (mPa):	0,5-0,8 (Pneumatic Air Valves)
VACCUUM PUMP:	Rapid deep penetrating, silent operating, low maintenance
DESIGNED TEMPERATURE:	141 °C
WORKING TEMPERATURE:	134 °C or 121 °C
FULLY AUTOMATIC:	Fully automatic PLC operated control system with soft touch 7" Display
DESIGN PRESSURE:	300Kpa
CHAMBER MATERIAL:	Stainless Steel 3CR12 / 304 / 316 / Duplex or Boiler Plate
ACCESSORIES INCLUDED:	12 x Transport Bins (1,3m x 1,1m x 1,2m = 1600lt per bin)
PROCESSING VOLUME:	6 x 1600lt = 9600lts/cycle x 150kg/m <sup>3</sup> = 1440kg/cycle
STANDARDS:	ASME VIII, ISO 3834 Accreditation





**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
SANAS 347 0019  
ISO 3834 Parts 5&6  
SAW Accredited Certification

**ISO 9001:2015**  
SACAS

**ISO 13485:2016**  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurbeerg Ext488, Pretoria, South Africa  
P.O. Box 1652, Hartbeespoort, 0216, South Africa

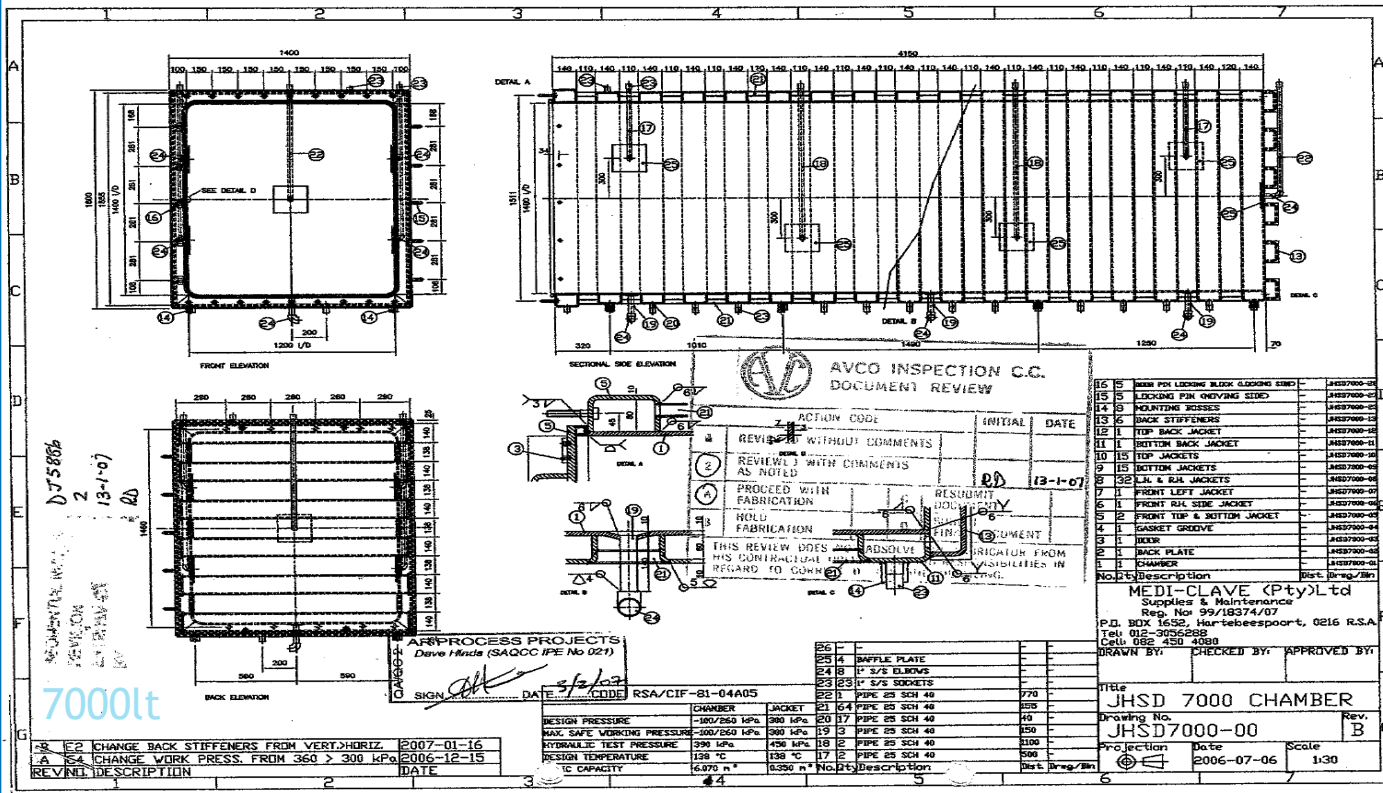
Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za, services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

Our standard monocoque design and all stainless-steel rectangular type autoclave chamber is uniquely constructed in such a manner that the jacket and the chamber acts as a single structure ensuring excellent integral strength, it is extremely energy efficient and boasts a superior 6 year pressure vessel integrity warranty if fully maintained by Medi-Clave.

APPROVED PRESSURE VESSEL DESIGN BY SANAS  
ACCREDITED THIRD PARTY INSPECTORS  
ASME VIII , ISO 3834 Accreditation  
COUNTRY OF ORIGIN: RSA



**7000lt**

AVCO INSPECTION C.C.  
DOCUMENT REVIEW

REVIEWED WITHOUT COMMENTS  
REVIEWED WITH COMMENTS AS NOTED  
PROCEED WITH FABRICATION  
HOLD FABRICATION  
THIS REVIEW DOES NOT RESOLVE THE DISCREPANCY FROM THE FABRICATION FROM THE DRAWING IN REGARD TO DIMENSIONS.

No.	Description	Dist. Drwg./Rev.
15	BACK PIN LOCKING BLOCK MISSING	10/27/00-01
16	LOCKING PIN MISSING	10/27/00-01
14	MOUNTING BRACES	10/27/00-01
13	BACK STIFFENERS	10/27/00-01
12	TOP BACK JACKET	10/27/00-01
11	BOTTOM BACK JACKET	10/27/00-01
10	TOP JACKET	10/27/00-01
9	BOTTOM JACKET	10/27/00-01
8	L & R JACKET	10/27/00-01
7	FRONT LEFT JACKET	10/27/00-01
6	FRONT RIGHT JACKET	10/27/00-01
5	FRONT TOP & BOTTOM JACKET	10/27/00-01
4	GASKET GROOVE	10/27/00-01
3	BEAR	10/27/00-01
2	BACK PLATE	10/27/00-01
1	CHAMBER	10/27/00-01

MEDI-CLAVE (Pty)Ltd  
Supplies & Maintenance  
Reg. No. 99/18374/07  
P.O. BOX 1652, Hartbeespoort, 0216 R.S.A.  
Tel: 012-3056288  
Cell: 082-458-4888

DRAWN BY: CHECKED BY: APPROVED BY:

TITLE: JHSD 7000 CHAMBER  
Drawing No. JHSD7000-00  
Rev. B

Projection: 2006-07-06 Scale: 1:30

No.	Description	Dist. Drwg./Rev.
26	RAFFLE PLATE	10/27/00-01
24	1" S/E ELBOWS	770
23	1" S/S SOCKETS	770
22	PIPE 2" SCH 40	40
21	PIPE 2" SCH 40	40
20	PIPE 2" SCH 40	40
19	PIPE 2" SCH 40	40
18	PIPE 2" SCH 40	40
17	PIPE 2" SCH 40	40
16	PIPE 2" SCH 40	40
15	PIPE 2" SCH 40	40
14	PIPE 2" SCH 40	40
13	PIPE 2" SCH 40	40
12	PIPE 2" SCH 40	40
11	PIPE 2" SCH 40	40
10	PIPE 2" SCH 40	40
9	PIPE 2" SCH 40	40
8	PIPE 2" SCH 40	40
7	PIPE 2" SCH 40	40
6	PIPE 2" SCH 40	40
5	PIPE 2" SCH 40	40
4	PIPE 2" SCH 40	40
3	PIPE 2" SCH 40	40
2	PIPE 2" SCH 40	40
1	PIPE 2" SCH 40	40

DESIGN PRESSURE: -100/250 kPa, 300 kPa  
MAX. SAFE WORKING PRESSURE: -100/250 kPa, 300 kPa  
HYDRAULIC TEST PRESSURE: 300 kPa, 450 kPa  
DESIGN TEMPERATURE: 130 °C, 150 °C  
IC CAPACITY: 6,075 m³, 8,350 m³

APPROXIMATE PROJECTS  
Dave Hinds (SAQCC IFE No 021)

REVISION DESCRIPTION DATE

1. SA CHANGE WORK PRESS. FROM 360 > 300 kPa. 2006-12-15

2. EP CHANGE BACK STIFFENERS FROM VERT. HORIZ. 2007-01-16

The amount of chlorides and chloride gasses from the steam supply or load contaminants may have a deleterious effects on autoclaves and may void warranties, normal austenitic stainless steels are susceptible to stress corrosion cracking induced by chlorides and will lead to premature material failure

Life expectancy on a duplex stainless steel is 15 years plus



**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
SANS 347:2019  
ISO 3834 Parts 5&6  
SAIW Accredited Certification

ISO 9001:2015  
SACAS

ISO 13485:2016  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

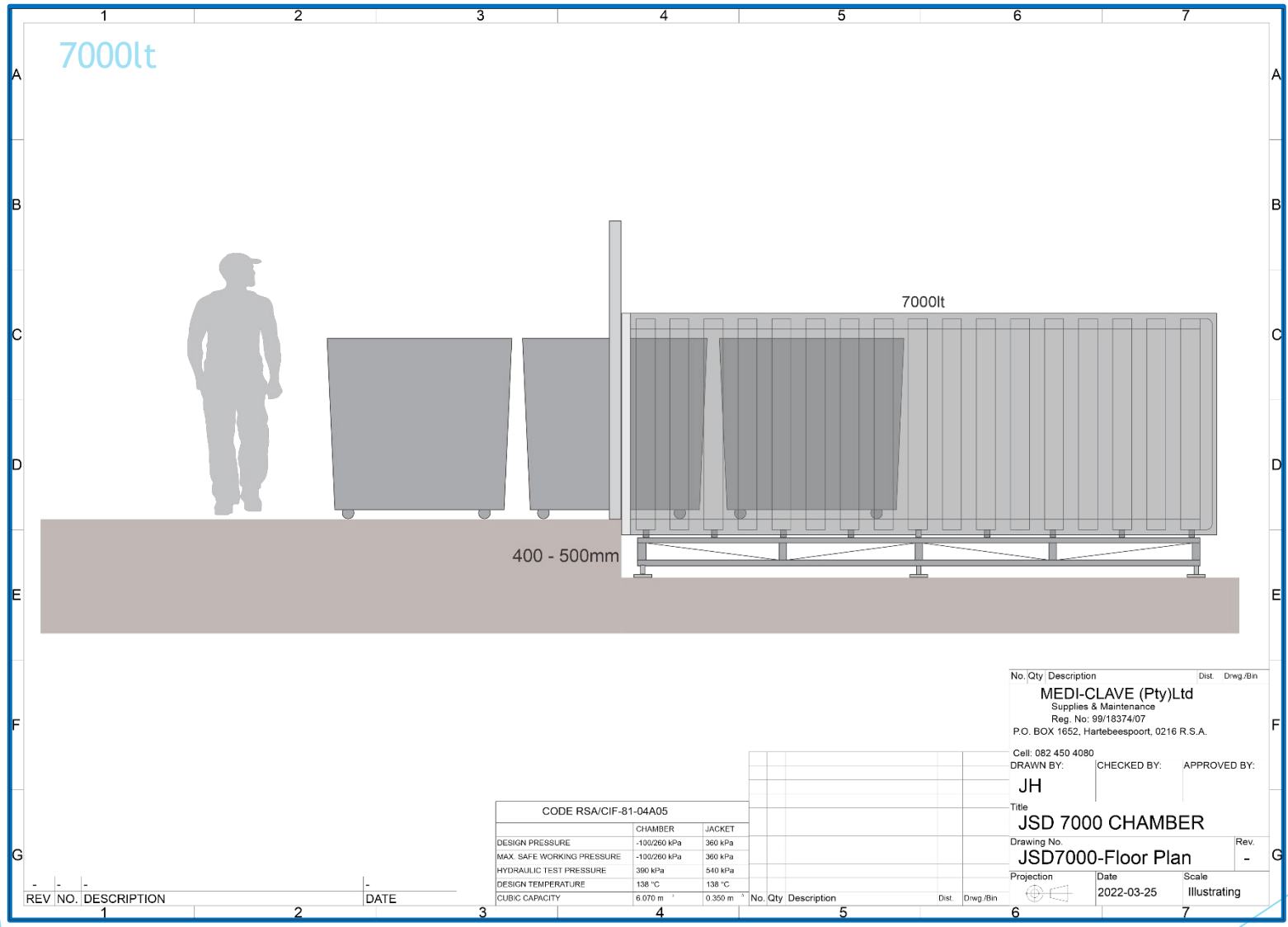
Portion 69 Melvic, P.O. Box 1652  
Schurbeberg Ext488, Hartbeespoort  
Pretoria, 0216  
South Africa South Africa

Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918

Email: sales@medi-clave.co.za  
services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.







**MEDI-CLAVE**  
Turnkey solutions for today's cssd

AT-OS Exclusive Distributor Sterintech™

**iiw**  
SACAS  
ISO 9001:2015  
ISO 13485:2016  
SACAS

**Head Office Contact Details**  
Medi-Clave (Pty)Ltd  
Registration No. : 1999/018374/07

Portion 69 Melvic, Schurberg Ext488, Pretoria, South Africa  
P.O. Box 1652, Harbeespoort, 0216, South Africa

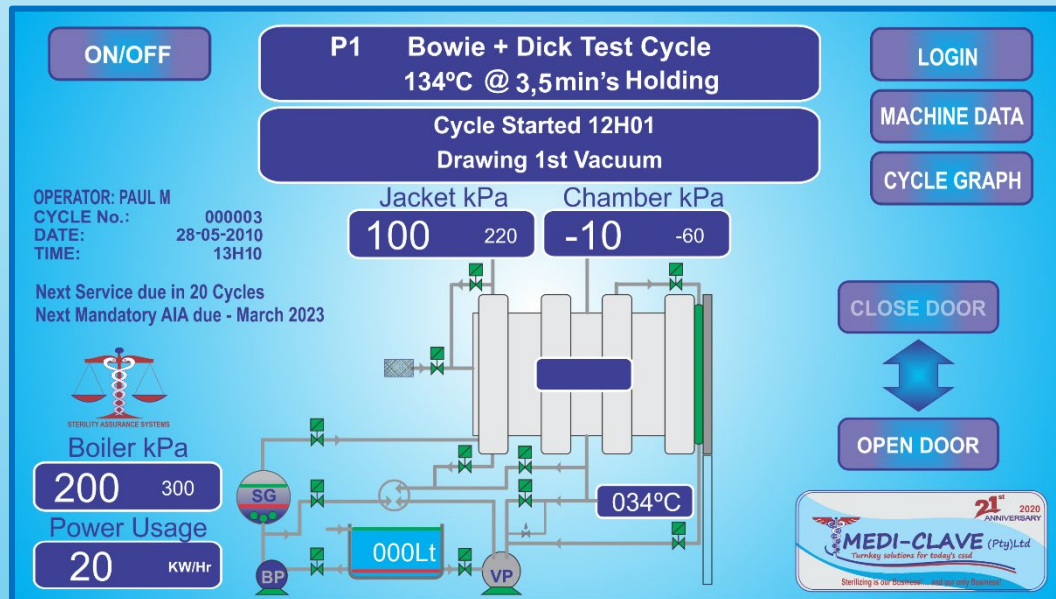
Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: +27 (0)82 925 4918  
Email: sales@medi-clave.co.za, services@medi-clave.co.za

# INFECTIOUS WASTE STEAM AUTOCLAVES

Affordable non-incineration technology available for Africa.

## Fully Automatic PLC Controlled Units

### HMI Operating Screens



**ON/OFF**

**P1 Bowie + Dick Test Cycle**  
134°C @ 3,5min's Holding

Cycle Started 12H01  
Drawing 1st Vacuum

OPERATOR: PAUL M  
CYCLE No.: 000003  
DATE: 28-05-2010  
TIME: 13H10

Next Service due in 20 Cycles  
Next Mandatory AIA due - March 2023

Jacket kPa: 100, 220  
Chamber kPa: -10, -60

Boiler kPa: 200, 300  
Power Usage: 20 KW/Hr

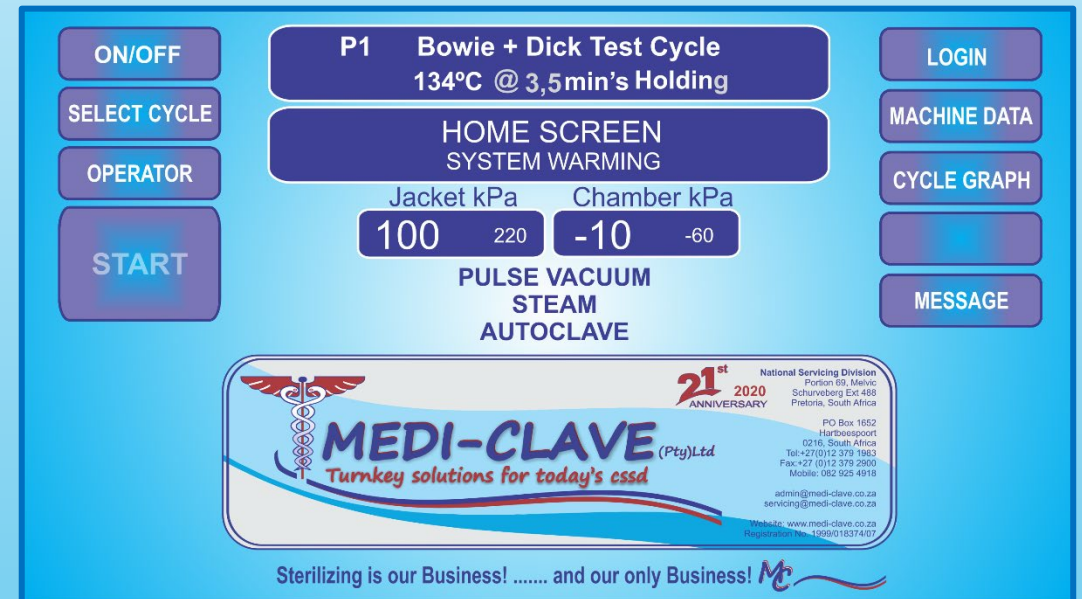
000Lt

034°C

**LOGIN**  
**MACHINE DATA**  
**CYCLE GRAPH**

**CLOSE DOOR**  
**OPEN DOOR**

**MEDI-CLAVE (Pty)Ltd**  
Turnkey solutions for today's cssd  
Sterilizing is our Business! ..... and our only Business!



**ON/OFF**

**P1 Bowie + Dick Test Cycle**  
134°C @ 3,5min's Holding

**HOME SCREEN**  
SYSTEM WARMING

Jacket kPa: 100, 220  
Chamber kPa: -10, -60

**PULSE VACUUM**  
**STEAM**  
**AUTOCLAVE**

**START**

**LOGIN**  
**MACHINE DATA**  
**CYCLE GRAPH**  
**MESSAGE**

**MEDI-CLAVE (Pty)Ltd**  
Turnkey solutions for today's cssd

21<sup>st</sup> 2020 ANNIVERSARY

National Servicing Division  
Portion 69, Melvic, Schurberg Ext 488, Pretoria, South Africa

P.O. Box 1652, Harbeespoort, 0216, South Africa  
Tel: +27 (0)12 379 1983  
Fax: +27 (0)12 379 2900  
Mobile: 082 925 4918  
admin@medi-clave.co.za, services@medi-clave.co.za  
Web: www.medi-clave.co.za  
Registration No. 1999/018374/07

Sterilizing is our Business! ..... and our only Business! **Mc**