

Thank you for your interest in Tuttnauer USA’s technical training. Beginning, January 7, 2022 – due to current travel restriction and social distancing guidelines due to the Covid-19 pandemic, we will conduct technical training on a bi-weekly basis, on Fridays at 2 p.m. ET.

Each session will be 1 hour (45 minutes training & 15 minutes of Q&A).

Please review the training module topics and register using the link below, by choosing the correlating date.

Registration link: <https://attendee.gotowebinar.com/rt/114067054843811855>

Training Topics:

Date & Time	Machine Model	Topics
January 7, 2PM ET	General	<ul style="list-style-type: none"> ● Sterilization Process: <ul style="list-style-type: none"> ○ Instruments ○ Temp ○ Autoclave type: dynamic, gravity, pre-vac, pre&post vac ○ Drying
January 28, 2PM ET	General	<ul style="list-style-type: none"> ● Cleaning: <ul style="list-style-type: none"> ○ Chamber Clean Tablets ○ Chamber Brite Powder ○ Daily maintenance ○ Weekly maintenance ○ Annual maintenance ○ PM kits

February 11, 2PM ET	TIVA 2 & 8 High Disinfection Washers	<ul style="list-style-type: none"> • Models • Features • Operation theory
February 25, 2PM ET	TIVA 2 & 8 High Disinfection Washers	<ul style="list-style-type: none"> • Troubleshooting: <ul style="list-style-type: none"> ○ Continuity of line cords ○ Microswitches ○ Heating element ○ Timer ○ Thermostat ○ Multivalve evaluation ○ Pressure Gauge ○ Closing device ○ Drain valve ○ Door gasket
March 11, 2PM ET	T-Edge 10” & 11” Autoclaves	<ul style="list-style-type: none"> • Models • Features • Operation theory
March 25, 2PM ET	T-Edge 10” & 11” Autoclaves	<ul style="list-style-type: none"> • Troubleshooting: <ul style="list-style-type: none"> ○ Continuity of line cords ○ Microswitches ○ Heating element ○ Timer ○ Thermostat ○ Multivalve evaluation ○ Pressure Gauge ○ Closing device ○ Drain valve ○ Door gasket

April 8, 2PM ET	Manual Autoclaves	<ul style="list-style-type: none"> • Models • Features • Operation theory • M Units Installation
April 22, 2PM ET	Manual Autoclaves	<ul style="list-style-type: none"> • Installation • Operation • Components run-down • Safety: <ul style="list-style-type: none"> ○ Thermostat ○ Circuit breaker ○ Pressure gauge ○ Timer ○ Multivalve ○ Water reservoir ○ Temperature safeties
May 6, 2PM ET	Manual Autoclaves	<ul style="list-style-type: none"> • Troubleshooting: <ul style="list-style-type: none"> ○ Continuity of line cords ○ Microswitches ○ Heating element ○ Timer ○ Thermostat ○ Multivalve evaluation ○ Pressure Gauge ○ Closing device ○ Drain valve ○ Door gasket
May 20, 2PM ET	EA and EZ Automatic Autoclaves: <ul style="list-style-type: none"> • EZ9P 	<ul style="list-style-type: none"> • Features • Operation • Installation • Components' rundown

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| <ul style="list-style-type: none">• EZ10P• EZ10KP• 3870EAP• tvvet10E | <ul style="list-style-type: none">○ Door locking○ Door bellows○ Door microswitches○ Door gasket○ Drain○ Water filter○ Air jet○ Heating elements• Safety:<ul style="list-style-type: none">○ Cut-out thermostat○ Temp safety○ Circuit breaker○ Safety valve○ Water reservoir○ Board○ Solenoid valves○ Pressure sensor○ Temp sensor• Calibrations:<ul style="list-style-type: none">○ Water fill○ Pressure○ Temperature• Troubleshooting:<ul style="list-style-type: none">○ Error messages○ Mechanical components○ Voltage○ Cables○ In-out test○ Test board○ Circuit boards and calibration |
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**June 3,
2PM ET**

- **EZ9Plus**
 - **EZ11Plus**
 - **Elara**
 - **tv11E**
- Features
 - Operation
 - Installation
 - Components' rundown:
 - Door locking
 - Door gasket
 - I/O board
 - Main board
 - EZView front display
 - EZPad keypad
 - Power supply
 - Solid state relay
 - Mechanical relays
 - Temp sensor
 - Pressure sensor
 - Door microswitches
 - Door gasket
 - Drain
 - Water filter
 - Air jet
 - Heating elements
 - Safety:
 - Cut-out thermostat
 - Temp safety
 - Circuit breaker
 - Water reservoir
 - Board
 - Solenoid valves
 - Pressure sensor
 - Temp sensor
 - Calibrations:

		<ul style="list-style-type: none"> ○ Main board ○ I/O board ○ Pressure ○ Temperature ● Troubleshooting: <ul style="list-style-type: none"> ○ Error messages ○ Mechanical components ○ Voltage ○ Cables ○ In-out test ○ Test board ○ Circuit boards and calibration
June 17, 2PM ET	Distillers/Ultrasonics	<ul style="list-style-type: none"> ● Models ● Features ● Operation theory
July 1, 2PM ET	General	<ul style="list-style-type: none"> ● Sterilization Process: <ul style="list-style-type: none"> ○ Instruments ○ Temp ○ Autoclave type: dynamic, gravity, pre-vac, pre&post vac ○ Drying
July 15, 2PM ET	General	<ul style="list-style-type: none"> ● Cleaning: <ul style="list-style-type: none"> ○ Chamber Clean Tablets ○ Chamber Brite Powder ○ Daily maintenance ○ Weekly maintenance ○ Annual maintenance ● PM kits
July 29, 2PM ET	Manual Autoclaves	<ul style="list-style-type: none"> ● Models ● Features ● Operation theory ● M Units Installation

<p>August 12, 2PM ET</p>	<p>Manual Autoclaves</p>	<ul style="list-style-type: none"> • Installation • Operation • Components run-down • Safety: <ul style="list-style-type: none"> ○ Thermostat ○ Circuit breaker ○ Pressure gauge ○ Timer ○ Multivalve ○ Water reservoir ○ Temperature safeties
<p>August 26, 2PM ET</p>	<p>T-Edge</p>	<ul style="list-style-type: none"> • Models • Features • Operation theory
<p>September 9, 2PM ET</p>	<p>T-Edge</p>	<ul style="list-style-type: none"> • Troubleshooting: <ul style="list-style-type: none"> ○ Continuity of line cords ○ Microswitches ○ Heating element ○ Timer ○ Thermostat ○ Multivalve evaluation ○ Pressure Gauge ○ Closing device ○ Drain valve ○ Door gasket
<p>September 23, 2PM ET</p>	<p>TIVA 2 & 8</p>	<ul style="list-style-type: none"> • Models • Features • Operation theory

<p>October 7, 2PM ET</p>	<p>TIVA 2 & 8</p>	<ul style="list-style-type: none"> • Troubleshooting: <ul style="list-style-type: none"> ○ Continuity of line cords ○ Microswitches ○ Heating element ○ Timer ○ Thermostat ○ Multivalve evaluation ○ Pressure Gauge ○ Closing device ○ Drain valve ○ Door gasket
<p>October 21, 2PM ET</p>	<p>Manual Autoclaves</p>	<ul style="list-style-type: none"> • Troubleshooting: <ul style="list-style-type: none"> ○ Continuity of line cords ○ Microswitches ○ Heating element ○ Timer ○ Thermostat ○ Multivalve evaluation ○ Pressure Gauge ○ Closing device ○ Drain valve ○ Door gasket
<p>November 4, 2PM ET</p>	<p>EA and EZ Automatic Autoclaves:</p> <ul style="list-style-type: none"> • EZ9P • EZ10P • EZ10KP • 3870EAP • tvvet10E 	<ul style="list-style-type: none"> • Features • Operation • Installation • Components' rundown <ul style="list-style-type: none"> ○ Door locking ○ Door bellows ○ Door microswitches ○ Door gasket ○ Drain

- Water filter
- Air jet
- Heating elements
- Safety:
 - Cut-out thermostat
 - Temp safety
 - Circuit breaker
 - Safety valve
 - Water reservoir
 - Board
 - Solenoid valves
 - Pressure sensor
 - Temp sensor
- Calibrations:
 - Water fill
 - Pressure
 - Temperature
- Troubleshooting:
 - Error messages
 - Mechanical components
 - Voltage
 - Cables
 - In-out test
 - Test board
- Circuit boards and calibration

**November 18,
2PM ET**

- **EZ9Plus**
- **EZ11Plus**
- **Elara**
- **tvet11E**

- Features
- Operation
- Installation
- Components' rundown:
 - Door locking
 - Door gasket
 - I/O board
 - Main board
 - EZView front display
 - EZPad keypad
 - Power supply
 - Solid state relay
 - Mechanical relays
 - Temp sensor
 - Pressure sensor
 - Door microswitches
 - Door gasket
 - Drain
 - Water filter
 - Air jet
 - Heating elements
- Safety:
 - Cut-out thermostat
 - Temp safety
 - Circuit breaker
 - Water reservoir
 - Board
 - Solenoid valves
 - Pressure sensor
 - Temp sensor
- Calibrations

		<ul style="list-style-type: none"> ○ Main board ○ I/O board ○ Pressure ○ Temperature ● Troubleshooting: <ul style="list-style-type: none"> ○ Error messages ○ Mechanical components ○ Voltage ○ Cables ○ In-out test ○ Test board ○ Circuit boards and calibration
<p>December 2, 2PM ET</p>	<p>Distillers/Ultrasonics</p>	<ul style="list-style-type: none"> ● Models ● Features ● Operation theory