

Credence Automatic Chick Injector

Automatic Chick Injector

For subcutaneous injection of day old poultry chicks

All Electric
No Compressed Air

CREDENCE
INDOMECHANICS
Intelligent Machines

Precise Electric Injection for Newely hatched chicks



Why Credence Chick Injector ?

Automatically applies poultry vaccines to day old chicks, with settings for subcutaneous (SC) . Specially designed to optimize reaction speed and ergonomics, skilled personnel can achieve vaccination rates of up to 4,000 chicks per hour. The vaccinator uses only electricity as a driver ,thereby reducing the hassles of compressed air time. Ideally used in combination with the vaccination carousel for ergonomic, fully optimized operator comfort.

All Electric
No Compressed Air

- Ergonomically designed with Diagonally Mounted trigger sensor enables operator safety during vaccination as well as X - Y Axis Chick Positioning.

- Perfect Needle angle and controlled penetration length helps in smooth injury free chick injection.



Smart Indicator

World's only Injector with LED Trigger

Soft Trigger Injection

Soft Trigger has been designed and tested for reliable and repetative operation for more than a million operations. A thorough design process was followed to achieve the near perfect design for chick block which gives the best results irrespective of operator experience.

All Electric
No Compressed Air

Multi Mode Operations

Machine can be operated as per
desired vaccination program
Single Syringe Option (A) : For Single Dose
Twin Syringe Option (A+ B) : For Double Dose



Double Shot

Twin Syringe Injection Setup

for delivering of two liquids
via Single prick



Single Shot

Machine Can be operated using the Single syringe for Single Syringe (vaccine) operation when 1 vaccine is delivered.



Perfect Vaccination

Syringe mechanism delivers perfect dose subcutaneously without injury to chick



Twin Shot

Twin mode for Twin A & B Syringes for Two Syringe (Vaccine) Operation where 2 vaccines are delivered one after another thru a single needle

Note : Your can Optionally opt for Single Shot Vaccinator as well

The Controller is designed for Multiple Operation Modes
Single Syringe Option (A) : For Single Dose
Twin Syringe Option (A+ B) : For Double Dose
Syringe B Option (B) : For Priming / Dose Testing of Syringe B

Also Controller has a minus count feature to minus the total and set count in case a weak chick is injected.



Smart Controller

The Brain behind the Smart Device

Housed in a Water proof IP68 casing

Powered by Backlit LED Display for Crystal Clear viewing in dark chick rooms



Per Box Count
Set Count



Enables Counting of Chicks During Injection thereby saving time and effort .
Two different counters for Set Count and Total Count



LED Flasher & Buzzer on set completion for better visual and audible operator understanding in dark and noisy chick rooms



Credence Vaccinator trolley is crafted using stainless steel and aluminum

Changeover of compartments becomes absolutely easy due to stainless steel top
Also cleaning is an easy job on smooth steel.



Trolley
Vaccinator Mounting Trolley



Ergonomically Desgined

The Credence Vaccination trolley is designed considering Man and Women anatomies for longer working hours.

Trolley height facilitates for perfect vaccination for long time
without fatigue to the vaccinating staff.

Also light weight and portability is an added advantage.

Accuracy as well as precision plays an vital role in the process of successful chick vaccination.

Credence technology of micro dosage setting covers water based as well as oil based liquids





Micro dosage

Setting for Accurate Dosing



Micro dosage Setting

For variable viscosity fluids there are possibilities, for the same setting there would be a variation in dose

Hence the micro dosage setting helps in accurately adjusting and maintaining the dose over longer vaccination hours



Vaccinator Manufacturing Station

Credence Automatic Injector Models





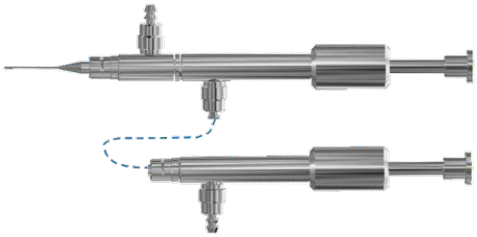
Credence Electronic Injector

- Credence fully electric model works on a servo rotary actuator
- Control Panel is electric powered



Credence Electro - Pneumatic Injector

- Credence fully electro pnuematic model works on a pnuematic cylinder.
- Control Panel is electric powered



Shipping Setup

- Chick Injector Equipment (Single or Twin as per selection)
- *Consumable Spares kit , Tool Kit*
- Credence Injector Trolley *(Optional)*

Check out the Injector video @ Youtube

Option A : Single Shot Syringe

Single Vaccine (**either** water or oil based) can be delivered to chick with 1 needle prick

Option B : Twin Shot Syringe

Double Vaccine (Both Water Based as well as oil based) can be delivered to chick one after the another with 1 needle prick.

Technical Specifications

Capacity	- 2500 - 3000 chicks per hour (approx.)
Target	- Day old chicks
Injection	- Subcutaneous (neck)
Power Requirement	- 230 V, 50 W , Single Phase
Weight	- 12 kg.
Dimensions (LxWxH)	- 550 x 190 x 280 mm (body dimentions)
Dosages	- 0.1 - 0.4 ml per chicks
Models	- Electric / Electro - Pnuematic
Options	- Single / Twin

Due to continuous product development specifications are subject to change without prior notice.

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