



The DLA is the best way to control a water supply, ensuring compliance with DOT 49 CFR 40 requirements and meeting the scrutiny of those who might question your urine collection process.

This controller complies with the DOT requirement for, "What Steps must operator of collection sites take to protect the security and integrity of urine collections."

The ***Procedures for Transportation Workplace Drug and Alcohol Testing Programs*** states:

- "Secure all sources of water or otherwise make them unavailable to employees."
- "The collector and operator must recheck to ensure the sites continued integrity."

### **FEATURES:**

- **Keyed Water Control:** Fulfills the requirement, "Secure all sources of water or otherwise make them unavailable to employees."
- **Green Indicator when water is on and Red Indicator when water is off.** This satisfies the requirement, "The collector and operator must recheck to ensure the sites continued integrity."
- **Beacon or Message sign may be connected to Controller.** Used to notify that water is shut off in the bathroom.
- **Ability to add drain solenoids to drain supply water.**

**DIMENSIONS:** Enclosure : 5.25" X 5.25" X 3" – Cover: 5.75" x 5.75"

### **CONTROLLER OPTIONS:**

- **Voltage:** High-Voltage (120V) or Low-Voltage Latching(12V) (see back of this sheet for advantages of both)
- **Can control shut off supply water and can also drain supply**
- **Can Replace Light Switch operation** – (see back of this sheet)
- **Flush or Surface Mount**
- **Key-Switch or Push Button Control**

### **SOLENOID OPTIONS:**

- 120V or 12V Latching (see back of this page for which one to buy)
- Enclosure for Solenoids
- Low-Lead certified NSF 61
- ISIMET Valve Assembly (includes Y-Strainer, ball valve, solenoid and unions)
- 1/2", 3/4"

### **PURCHASING RECOMMENDATION:**

The Low Voltage Latching Controller is sold as a complete assembly (with Solenoids). Unless, the High Voltage Controller is a retrofit of a light switch, it also recommended that the solenoids be purchased with the Controller. This is because ISIMET will test Controller and solenoids together before shipment -- ensuring a seamless on-site installation.

## **Water Controller for Drug Lab Testing**

# DLA



**Key-Switch**



**Push Button Option**

## NUMBERING SYSTEM:

DLA - - - - -

(HV or LVL) *120" for 120 Volt *LVL" for low voltage latching	(K or P) *K" for Key *P" for Push Button	( 1 or 2 ) *1" for Flush Mount *2" for Surface Mount	(1,2,3,4 or 5) Solenoid Size *1" for 1/2" *2" for 3/4" *3" for 1" *4" for 1 1/4" *5" for 1 1/2"	(1 or 2) Number of Supply Solenoids	(0, 1 or 2) Number of Drain Solenoids	ADD the following at the end of number if you want these features: -S" for Solenoid Enclosure -F2" for Y Strainer -A" for Shock Arrestor -V" for Valve Assembly -LL" for NSF 61 low lead
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### Considerations when deciding on High Voltage or Low Voltage Latching Controller:

#### High Voltage

- Can retrofit a light switch operation in few minutes
- 120 Volt installation may be more expensive

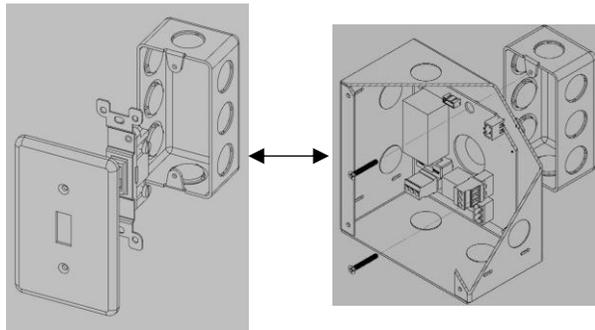
#### Low Voltage Latching

- Because Power is ONLY applied when a solenoid opens or closes
  - Less power consumption
  - Drastically reduced heat on electronics and solenoids
  - Best solution for Hard Water (high mineral deposit) areas
  - For above reasons, typically less maintenance and improved reliability
- Low voltage wiring is less costly and has fewer code requirements

Note: The Low Voltage Controller is only sold with Solenoids

#### How to Retrofit an existing Light Switch Solenoid Control:

1. Remove light switch cover and remove switch.
2. Attach 120V Controller using the same switch screws.
3. Connect 120V wires and Cover Wires.
4. Install Cover.
5. Done!



#### Special Notes:

- The Low Voltage Latching Controller is only sold with Solenoids.
- The High Voltage Controller uses normally open Solenoids.
- "LL" needs to be added to part number to obtain low lead NSF 61 solenoids