

KDS824A Deluxe Shot Meter

- Digital timer control (CMOS micro processor) for reproducibility
- Time duration from .01 to 99.99 seconds
- Adjustable four position push button timer switch
- Vacuum feature to prevent dripping
- Time duration indicator light (LED)
- Electrical foot pedal actuation for excellent ergonomics (optional finger switch available)
- Accessory port for a vacuum pickup wand or for pressurizing an external cartridge or tank
- Two 0-100 PSI regulators and gauges with locking ring
- Benchtop unit for easy reading of dials and adjustment of air pressure and vacuum
- Low voltage unit
- Slide switch for easy change from 110-220 volts
- Order syringe adapters, kits and other accessories separately



Specifications: KDS824A

Size: 9.5 x 7.75 x 5" (W x D x H)
 Weight: 7 lbs. 7 oz.
 Air Input: 0-100 psi
 Air Output: 0-100 psi
 Vacuum: 0-18" of mercury
 Power: 110-230 VAC (Switchable)
 50/60 Hz
 Internal Voltage: 24 volt transformer

Timer

Type: CMOS 8 bit micro-processor
 Range: .01 to 99.99
 Adjustments: Four position, push-button switch
 Repeat Accuracy: .5ms (.000005 sec.)
 Recycle Time: 12ms (.0012 sec.)
 Setting Accuracy: ±2%



System 300 – KDS824A with 3-gallon tank and KDS760A Valve



System 500 – KDS824A with syringe stand, syringe adapter and vacuum pickup wand

KDS3000 Programmable Deluxe Shot Meter

All the features of the KDS824A with the following upgrades:

- Digital timer control with keypad and LED readout
- Timer range from .006 to 999.9 seconds
- "Teach function" which allows operator to zero in on amount to dispense without a lot of guessing

Specifications:

KDS3000

Size: 7.25 x 4.5 x 8.75: (W x D x H)

Weight: 7 lbs. 7 oz.

Air Input: 0-100 psi

Air Output: 0-100 psi

Vacuum: 0-18" of mercury

Power: 110-230 VAC (Switchable) 50/60 Hz

Internal Voltage: 24 volt transformer

Timer

Type: CMOS 8 bit micro-processor

Range: .006 to 999.99

Settings: Keypad programmable or foot switch ("Teach Mode")

Readout: LED numeric countdown

Repeat Accuracy: .5ms (.000005 sec.)

Recycle Time: 12ms (.0012 sec.)

Setting Accuracy: ±2%



KDS6000 Programmable Retrofit Kit

Allows user to take any electrically operated shot meter without a timer or with an analog timer and upgrade to the following features:

- Digital timer control with keypad and LED readout
- Timer range from .006 to 999.9 seconds
- "Teach function" which allows operator to zero in on amount to dispense without a lot of guessing



KDS6000 shown interfacing with KDS808



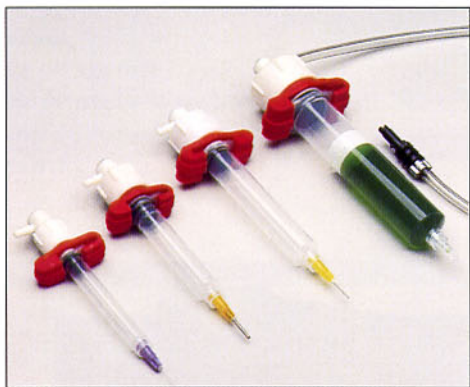
Syringe Adapters

Universal Syringe Adapter

The Universal Syringe Adapter is offered with both metal and plastic grippers. The adapters *work with all manufacturer's syringes*. You can use Luer Lok™, Luer Slip™ or tapered syringes from 1cc to 35cc. The adapter comes with a 360° swivel for ease of motion. An air operated syringe system handles most types of materials (i.e.: single component, 2-part materials, self-leveling, and non-self-leveling materials). These systems produce repeatable amounts and require minimal cleanup or maintenance. Five sizes of adapters are available. "Gasket" seal (rather than "O" ring) allows for the universal feature and prevents air leakage between the adapter and the syringe.

Plastic Adapter Features: Lighter weight, lower cost

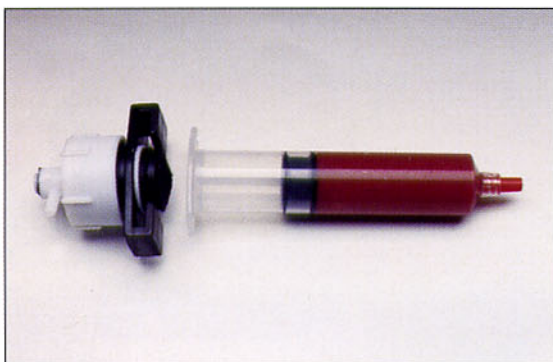
Metal Adapter Features: Fits many odd size syringes best



Syringe Adapter Assembly

(Includes 6-foot hose and male fitting)

Metal Adapter Assemblies	Plastic Adapter Assemblies	Description
KDS801-6	KDS501-6	Fits all 1cc Syringes
KDS803-6	KDS503-6	Fits all 2-1/2 & 3cc Syringes
KDS805-6	KDS505-6	Fits all 5 & 6cc Syringes
KDS810-6	KDS510-6	Fits all 10 & 12cc Syringes
KDS830-6	KDS530-6	Fits all 30 & 35cc Syringes



Adapter Head Only

Metal Part No.	Plastic Part No.	Description
KDS801	KDS501	Fits all 1cc Syringes
KDS803	KDS503	Fits all 2-1/2 & 3cc Syringes
KDS805	KDS505	Fits all 5 & 6cc Syringes
KDS810	KDS510	Fits all 10 & 12cc Syringes
KDS830	KDS530	Fits all 30 & 35cc Syringes

Replacement gaskets, swivels, clips, locators, hoses and fittings available. See price sheet.

Deluxe Starter Kit

Perfect for companies who do not know which size syringes will be used or when size requirements change. Kits are available with all shot meters and foot valves.

The kit includes:

- Four plastic adapter assemblies (3, 5, 10 & 30cc)
- Samples of Luer Lok™ and tapered syringes
- Syringe tip caps
- Needle samples (non-sterile, blunt) in stainless, Teflon and plastic tapered
- Syringe stand
- Material line filter
- 2-oz. squeeze bottle
- Industrial vinyl gloves



Mini Adapter Kit

For customers who work with a specific size syringe.

The kit includes:

- Adapter required (3, 5, 10 or 30cc)
- Syringes for the size adapter ordered
- Needle samples (non-sterile, blunt), stainless, Teflon and plastic tapered
- Tip caps
- Material line filter
- Syringe stand



KDS816 Syringe Holder Stand

- Keeps materials from accidentally flowing back up the airline when syringe is not in use
- Can be used with all sizes of syringe adapters
- Keeps work area neat and clean



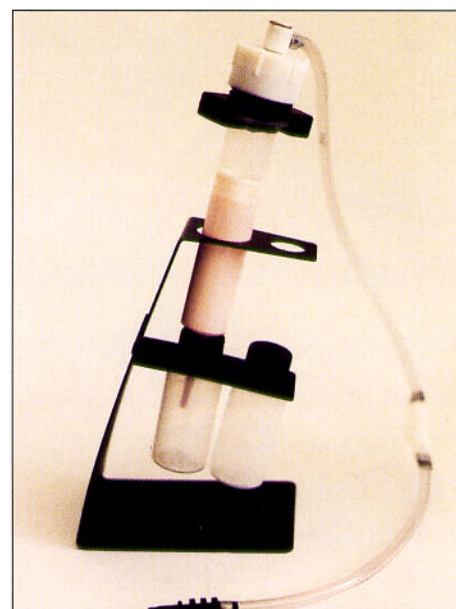
Vacuum Pickup Wand



Features include:

- Finger control
- Small, lightweight and portable (wherever an air source is available)
- Comes with 3 sizes of conductive suction cups
- Easy to operate
- *SUPER* quiet
- Built-in Venturi

KDS816-FB Syringe Stand with Bottle



- Comes with empty bottle to catch drips
- Bottle can be filled with solvent to prevent needle clogging with many materials
- Can be used with all sizes of air-operated syringes
- Keeps work area neat and clean

KDS2601HL Solder Mask Dispensing Wand

- Lightweight
- Low cost
- Easy-to-replace pinch tube
- Dispenses low to medium viscosity water soluble and peelable mask as well as other single component materials
- Ergonomic (replaces squeeze bottle)
- “Eyeball” application
- Can be attached to any reservoir or cartridge system
- Wands can be “ganged” together to run multiple operators from one tank

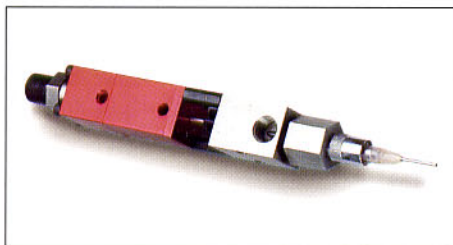


KDS3100 Ergonomic Cyanoacrylate Wand

- Contains a disposable bladder which can be replaced in seconds
- Excellent for dispensing “difficult to dispense” materials such as cyanoacrylates
- Low to medium viscosity
- Lightweight, ergonomic design
- Adjustable lever sensitivity control
- Material need not be purged from the system after use
- Can be attached to any reservoir or cartridge system
- Multiple wands can be manifolded to one central tank



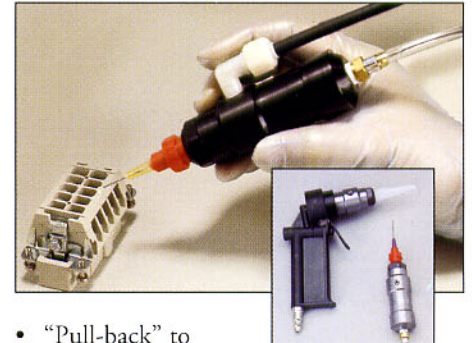
Front Closing, High Pressure Valve KDS100-SS



- Can be used with various materials including: Silicones, adhesives, epoxies, UV materials, RTV, grease, oil, solvents, conformal coatings
- High pressure (up to 3500 psi material pressure)
- Uses standard Luer Lok™ needles
- Adjustable flow control
- Air and fluid chambers separated to prevent contamination of the air section

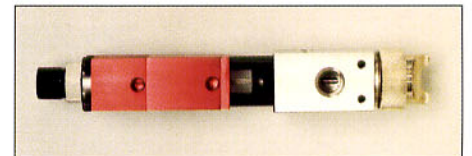
KDS760A Dispensing Valve

KDS761A-P (w/Trigger Assembly)



- “Pull-back” to prevent dripping
- Hand-held or fixtured
- Lightweight
- Foot- or trigger-actuated
- Used with storage tanks, batch mixer or gunstand
- Activated by any of the controllers
- Needles or plastic nozzles for desired shot size
- Not recommended for materials with short pot life
- “User friendly” maintenance (modular design)

KDS100-F/KDS100-R Spray Valve



- Can be used with various materials including: Conformal coatings, silicone, adhesives, epoxies, UV materials, urethanes, paint, oil
- Flat or round spray patterns
- Low pressure, low volume atomization
- Spray viscosities to 100,000 CPS
- Adjustable flow control
- Stainless and Teflon wetted parts