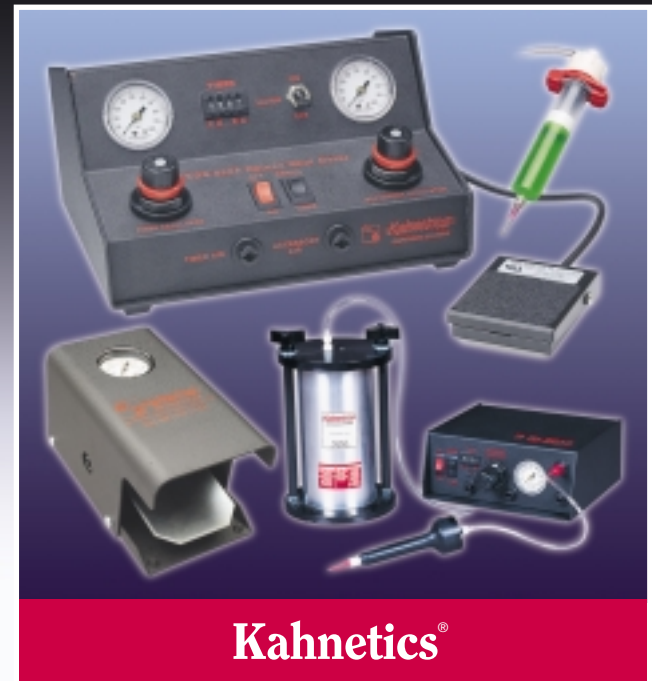


Cooper Tools



Kahnetics®

DISPENSING SYSTEMS

**COOPER** Tools

Building A Dispensing System



Key Things to Consider

Type of Material

- Viscosity
- Self-Leveling
- Non-Self-Leveling
- Single Component
- 2-Part or 3-Part Material
- Pot Life (working life)

Amount to Be Dispensed

- Per "Shot" Amount
- Amount Per Day

Accuracy

- Reproducible Amounts
- "Eyeball" Application
- "Shot" Pattern – Dots or Beads

Method of Application

- Hand-Held (mobility, reaching tough places)
- Fixtured (Hands free, accuracy)
- Automation

Method of Activation

- Foot Control (Hands free)
- "Trigger" Operation (Mobility)

System Cost

- Equipment Cost vs. Number of Units to be Produced (Weekly, Monthly, etc.)

Handling

- Bulk Storage (i.e. tanks) vs. Smaller Capacity (i.e. syringes, cartridges, etc.)
- Clean-up Considerations Disposable vs. Reusable
- Number of Operators

Needle Information Chart

Stainless Steel, Anti-Static, Opaque Needles

Blunt Tip, Plastic Threaded Hub, Disposable, Non-Sterile

Gauge	I.D.	O.D.	Hub Color
14	.067	.083	Dark Green
15	.060	.072	Orange
16	.053	.064	Purple
17	.047	.057	White
18	.038	.050	Pink
19	.032	.042	Brown
20	.026	.035	Yellow
21	.023	.032	Green
22	.019	.028	Black
23	.017	.025	Light Blue
24	.014	.022	Red
25	.012	.020	Blue
26	.010	.018	Tan
27	.008	.016	Grey
30	.006	.012	Lavender

Taper Tip Needles

Polyethylene Taper Tip Luer Lok™ ; Overall Length = 1 1/4"

Gauge	Color	NOM.I.D.
14	Salmon	.063
16	Grey	.048
18	Green	.034
20	Pink	.024
22	Blue	.017
24	Red	.013

Teflon Needles

Gauge	Color	NOM.I.D.
15	Orange	.059
18	Pink	.042
20	Yellow	.034
22	Black	.028
23	Light Blue	.026
26	Tan	.018
30	Lavender	.012

Typical Materials to be Dispensed

- 1 Solder Paste
 - 2 Solder Mask
 - 3 Epoxies (Frozen)
 - 4 Adhesives
 - 5 Oil
 - 6 Grease
 - 7 Silicones
 - 8 RTV's
 - 9 Gels
 - 10 UV Materials
 - 11 Cyanoacrylates
 - 12 Inks
- A Self-leveling
 B Non-Self-Leveling
 C Two-Part Materials

1



SYRINGE SYSTEMS

FEATURES

- Low Cost
- No Clean-up
- No Maintenance
- Fast Learning Curve for Operators
- 1cc through 35cc Capacity
- “Drip Free” Vacuum Accessory (all except KDS 806)
- Digital Timer Control for Precise Reproducibility (KDS834A, KDS824A, KDS3000)

For Use with: All Materials
(See “Typical Materials” list on Page 1)

2



CARTRIDGE SYSTEMS

FEATURES

- Low Cost
- Minimal Clean-up
- No Maintenance
- Fast Learning Curve for Operators
- Digital Timer Control for Precise Reproducibility (KDS 834A, KDS824A, KDS3000)
- 2-1/2 Oz. to 12 Oz. Capacity (Larger sizes available)
- Can be used with a needle or nozzle on the bottom of the cartridge
- Can be used with a Dispensing Valve (mounted directly to the Cartridge or attached to the Cartridge by a Hose for Drip-free Operation and Reproducibility)

For Use with: 1*, 2, 3*, 4, 5, 6, 7*, 8*, 9*, 10, 12, A, B*, C* (See “Typical Materials” list on Page 1)

3



TANK & VALVE SYSTEMS

FEATURES

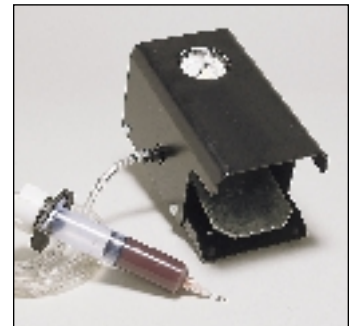
- Large Reservoir Capacity (1-gallon, 3-gallon, 5-gallon tanks)
- For use with self-leveling materials (flowable)
- For use with one-part materials
- Digital Timer Control for Precision Reproducibility (KDS834A, KDS824A, KDS3000)
- Minimal Clean-up
- Drip-free (Vacuum Suck-back Dispensing Valve)
- No need to purge the System with most Materials (even Overnight)

For Use with: 2, 4, 5, 10, 12, A
(See “Typical Materials” list on Page 1)

Controllers

KDS806/ KDS806V Foot Valve

- Basic ON-OFF function
- "Eyeball" accuracy
- Foot actuated for excellent ergonomics
- No electrical
- 0-100 PSI regulator and gauge
- Lowest cost
- Easy to set up and operate
- Sits on the floor, thus using no table space
- Drip-free vacuum accessory (on the KDS806V only)
- Order syringe adapters, kits and other accessories separately



Specifications:

KDS806

Size: 3.75 x 7.25 x 3.75" (W x D x H)

Weight: 3 lbs. 5 oz.

Air Input: 0-100 psi

Air Output: 0-100 psi

KDS806V

Foot Valve w/Vacuum

Size: 3.75 x 8.50 x 3.75"

Weight: 3 lbs. 5 oz.

Air Input: 0-100 psi

Air Output: 0-100 psi

Vacuum: 0-18" of Mercury

KDS808 Shot Meter

- Basic ON-OFF function
- Low cost
- Easy to set up and operate
- "Eyeball" accuracy
- Electrical foot pedal actuation for ergonomic operation (finger switch available)
- Vacuum feature to prevent dripping
- 0-100 PSI regulator and gauge with locking ring
- Benchtop unit for easy reading of dials and adjusting of the air pressure and vacuum
- Easily upgraded to Digital Timer with Teach Function Feature (See bottom page 7)
- Slide switch for easy change from 110 to 220 volts
- Low voltage unit
- Order syringe adapters, kits and other accessories separately



Specifications:

KDS808

Size: 5 x 7.75 x 5" (W x D x H)

Weight: 5 lbs. 1 oz.

Air Input: 0-100 psi

Air Output: 0-100 psi

Power: 110-230 VAC Switchable

50/60 Hz

Internal Voltage: 24 Volt

Transformer

Vacuum: 0-18" of Mercury



KDS 6000 Shown Interfacing with KDS 808.

KDS834A Economy Shot Meter

- Digital timer control (CMOS 8-bit 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)
- 0-100 PSI regulator and gauge with locking ring
- Slide switch for easy change from 110-220 volts
- Benchtop unit for easy reading of dials and adjustment of air pressure and vacuum
- Low voltage unit
- Order syringe adapters, kits and other accessories separately



Specifications:

KDS834

- Size: 6.25 x 7.75 x 5" (W x D x H)
- Weight: 5 lbs. 10 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
- Repeat Accuracy: .5ms (.0005 sec.)
- Recycle Time: 12ms (.012 sec.)
- Setting Accuracy: $\pm 2\%$

TIMER:

Type: CMOS 8 Bit Micro-Processor

Range: .01 to 99.99

Adjustments: Four Position, Push Button Switch



The old dispensing method –
messy and inaccurate



The KDS dispensing method –
clean and precise

KDS805-FS Finger Switch

- Replaces foot pedal
- Plug-in module
- Works with KDS808, 834 series, 824 series, and KDS3000



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 (.0005 sec.)

Recycle Time: 12ms (.012 sec.)

Setting Accuracy: $\pm 2\%$



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



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

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.

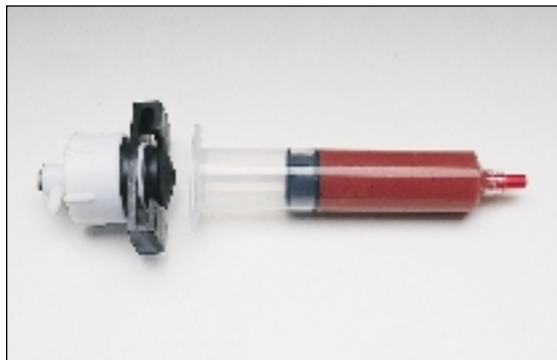
Plastic Adapter Features: Lighter weight, lower cost

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.

Controller Accessories

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

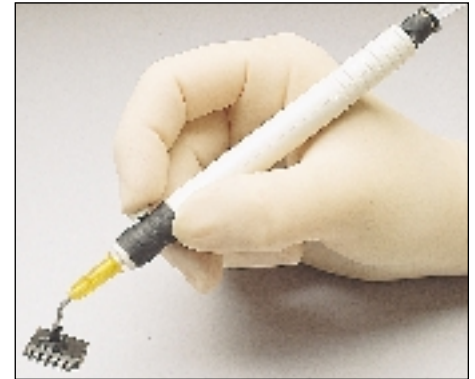


KDS816 Syringe Holder Stand

- 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



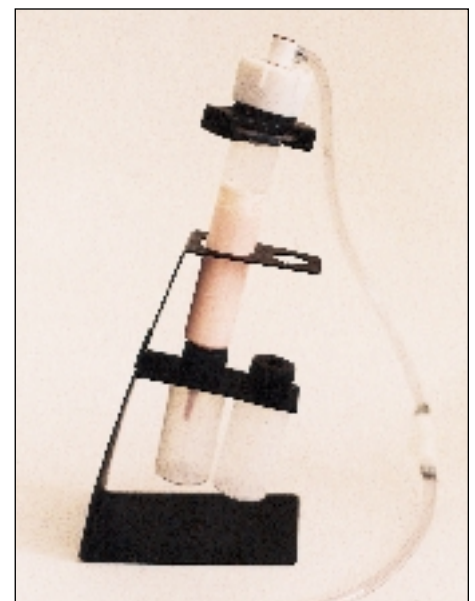
Vacuum Pickup Wand



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



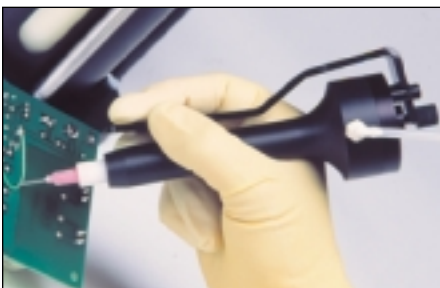
- Comes with empty bottle to catch drips
- Bottle can be filled with solvent to prevent needle clogging with many materials
- Can be used with all sizes of air-operated syringes
- Keeps work area neat and clean

KDS2601HL Solder Mask Dispensing Wand



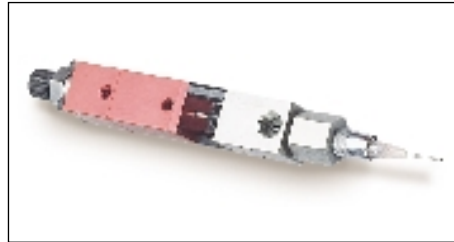
- Lightweight
- Low cost
- Easy-to-replace pinch tube
- Dispenses low to medium viscosity water soluble and peelable mask as well as other single component materials
- Ergonomic (replaces squeeze bottle)
- “Eyeball” application
- Can be attached to any reservoir or cartridge system
- Wands can be “ganged”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

KDS100-WCA Ergonomic Cyanoacrylate Wand



- 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
- “Floating” diaphragm design

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

KDS100-CA Fixtured Valve

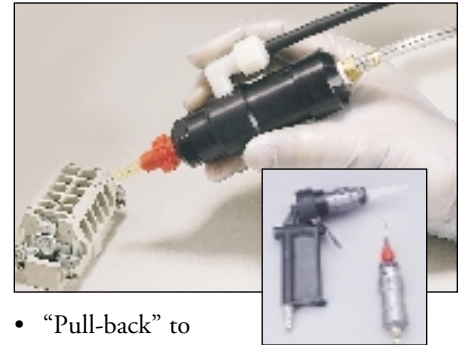


KDS100-HCA Hand Held Valve



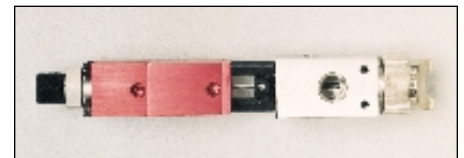
- Both are excellent for dispensing “difficult to dispense” materials such as cyanoacrylates
- Both use a “floating” diaphragm design

KDS760A Dispensing Valve



- “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

Cartridge Systems/ Batch Mixer/Reservoirs

KDS807-0/KDS807-0P Production Gunstand

- Available with aluminum or plastic head
- Dispenses materials from disposable plastic cartridge with 2-1/2 oz., 6 oz. or 12 oz. capacities (optional sizes from 20 oz. to 64 oz., special order)
- Use when taking work piece to the dispenser (except where a hose can be used)
- For medium- to high-viscosity materials
- Use with single-component and two-part materials
- Cartridges are easy to fill and replace
- Store-bought, pre-filled 300ml caulking cartridges can be used
- Takes up very little table space
- Can be run off of any shot meter or foot valve
- Can have a needle or nozzle at cartridge end, or cartridge can be attached directly to a dispensing valve or with a material hose line to the valve
- KDS807-HP can be used as hand-held dispenser by incorporating a screwdriver type balancer



Sealant Guns

- Hand-held unit
- Take dispenser to the work piece
- Portable – can be use in any production area with air source
- Accommodates 2-1/2, 6 and 12-oz. and 300ml cartridges
- “Eyeball” application
- Excellent for high-viscosity materials such RTVs and silicones

Cartridges



The inner, disposable plastic liner for metal retainers. Comes standard in 2-1/2, 6 and 12 oz. sizes. Larger sizes available. Contact factory.

Also available are:

- Cartridge Caps
- Retainers
- Plastic Nozzles
- Needle Adapters

KDS2500 Batch Mixer



- 2-1/2 gallon capacity
- Variable speed, 3/4-HP air motor
- Mixing and degassing capabilities
- For self-leveling materials, two-part materials with at least 1-hour pot life
- Can dispense directly from the tank
- Available with electroless nickel plating (Add “E” to the end of the Part #)

Batch mixers are “specials” – not a stock product. These are not available for 15-day trials. Contact the factory for technical help and material testing.

Reservoirs

A selection of stainless steel tanks and reservoirs are available along with accessory regulators and gauges, pop-off valves, and material manifolds to “gang” multiple operators and equipment to one tank.

Stainless Steel Tanks

- Offered in 1-, 3- and 5-gallon capacity
- Pressure rated at 100 psi
- Material manifold available for up to four operators
- Built-in regulator and gauge
- Material poured directly into tanks
- For self-leveling, single-component materials

Reservoirs to Hold Materials In Bottles

One-pound bottle reservoir

- Plexiglass reservoir with aluminum protective shield
- Accommodates one or two operators
- For low to medium viscosity materials



Quart bottle reservoir

- Aluminum tank
- Accommodates one or two operators
- For low- to medium-viscosity materials

10-Kg Reservoir

- Aluminum tank
- Accommodates one to four operators
- For low viscosity cyanoacrylates



Blunt, Stainless Steel Needles (Pre-Packaged)



Blunt, plastic hub, stainless steel shaft, non-sterile. Prepackaged: 50 needles to a box. Available in gauges from 14 to 30 gauge, and in various lengths.

Blunt, Stainless Steel Needles (Bulk)



Blunt, plastic hub, stainless steel shaft, non-sterile. Bulk: 1000 needles to a bag. Available in gauges from 14 to 30 gauge, and in various lengths.

Needles

(For Industrial Use Only)

Kahnetics offers one of the largest selections of industrial needles available anywhere. Selection includes blunt stainless steel needles with plastic hubs, metal hubs (metal hub needles are specials and are not carried in stock), Teflon needles with plastic hubs and one-piece plastic tapered needles. All needles lock onto a Luer Lok™ type syringe. Also available – bent needles, needle covers and scabbards. Needles are packaged in convenient 50-piece boxes or economical 1000-piece bags. Many standard lengths & gauges are available.

Blunt, Stainless Steel Needles (with Plastic Hubs)



- Sizes from 14 through 30 ga.
- Standard lengths start at 1/2" (27 ga. is 5/16")
- All gauges (except 30 ga.) available in 1" and 1-1/2"
- 14 ga. needles available in 2" and 3"
- Special sizes and lengths available (contact factory for quote)

Plastic Tapered Needles



- 14, 16, 18, 20, 22 and 24 gauge
- Overall length – 1-1/2"
- Tapered feature helps alleviate dripping problems
- Prevents surface scratches



Teflon Needles

- Available in 15, 18, 20, 22, 23, 26 and 30 ga.
- Standard lengths – 1/2" and 1-1/2"
- Prevents surface scratches
- Most materials won't bond to Teflon surfaces
- Other gauges and sizes available (check with factory)

Deluxe Needle Sample Kit (KDS660)



- Consists of all sizes and needle types, caps and scabbards
- 500-piece assortment



Needle Covers & Scabbards

Covers available for 1/2" and 1" needles and tapered needles. Scabbards are available in 16, 18, 19, 20, 22 gauge.

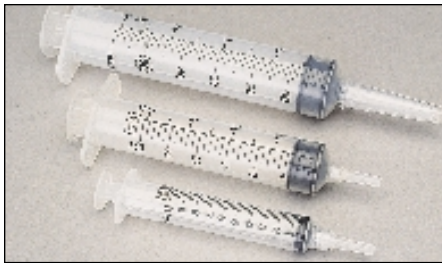
Syringes (For Industrial Use Only)

Kahnetics has a complete line of industrial syringes for manual use and micro-air dispensing. Syringe styles include Luer Lok™, Luer Slip and tapered tip.

Syringes for air operation are available with rubber or plastic stoppers. Syringe components (barrel, stopper and plunger rod as un-assembled components) have non-graduated barrels. Manual assembled syringes come with barrel graduations. Accessory items such as tip caps, flange caps and syringe adapters are available, as well as black barrels for UV materials.

Bulk Syringes

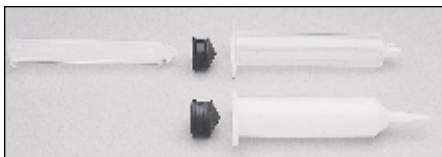
Assembled (Manual)



Manual syringe, calibrated with tip cap, siliconized, non-sterile

Available in: 1, 3, 5, 10, 20, 30 and 50cc sizes (50cc comes w/LL or tapered tip)

Syringe Components (Manual & Air Operated)



Bulk, non-sterile, un-assembled, non-calibrated. Rubber stoppers come lubricated unless specified "dry."

Luer Lok™: Available in 1, 3, 5, 10, 30, 50cc sizes (50cc manual only). Air operated syringes come with rubber or plastic stoppers

Luer Slip™: Available in 1cc

Tapered Tip: Available in 6 and 30cc sizes with rubber stopper

Pre-Packaged Syringes

Manual Un-assembled (Components)

- **Luer Lok™** – Available in 3, 5, 10, 30 and 50cc sizes
- **Luer Slip** – Available in 1cc size
- **Tapered Tip** – 6 and 30cc sizes only
- All stoppers are rubber

Air Operated (Components)

- **Luer Lok™** Available in 3, 5, 10 and 30cc sizes with *rubber or plastic stoppers*
- **Luer Slip** – 1cc w/rubber stopper only
- **Tapered Tip** – Available in 6 and 30cc sizes with rubber stoppers



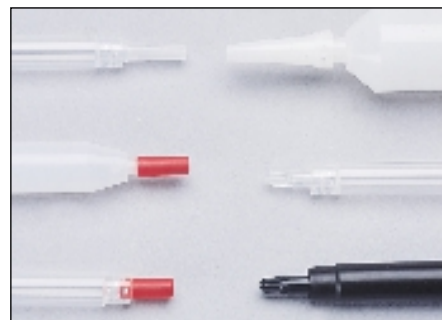
Manual Assembled

All manual syringes come with rubber stoppers

- **Luer Lok™** – Available in 3, 5, 10, 20, 30 and 50cc sizes
- **Luer Slip** – Available in 1cc size
- **Tapered Tip** – Available in 50cc size
- All stoppers are rubber



Tip Caps

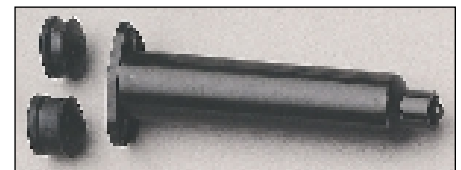


Luer Lok™ and press fit styles available for all styles of syringes.

Plastic Stoppers



Black Syringes, Packaged & Bulk



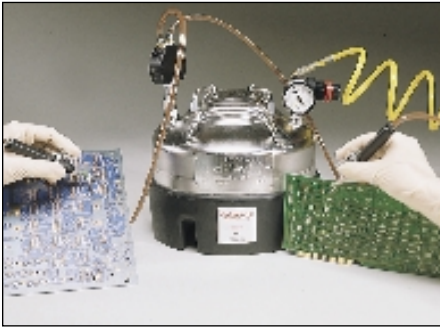
For UV cure materials, un-assembled, non-calibrated

Available in: Air operated and manual un-assembled in 3, 5, 10, and 30cc sizes

Available in 3, 5, 10 and 30cc air operated Luer Lok™ syringes (not UV syringes). Plastic is silicone-free and slides down the barrel easier than rubber.

Complete Systems

System 100 Solder Mask System



- For water soluble and peelable solder masks
- For any one-part flowable material (i.e. conformal coating, oil, etc.)
- One-gallon capacity tank (three- and five-gallon tanks available)
- Lightweight finger-actuated wand and pinch tube eliminate need for cleanup
- Eliminates the “squeeze bottle application” method
- Up to four operators from one central tank
- Economical solution (equipment is inexpensive and mask can be bulk purchased)
- Material can be poured directly into the tank and stored. No need to purge system

XYZ® Desktop Robot



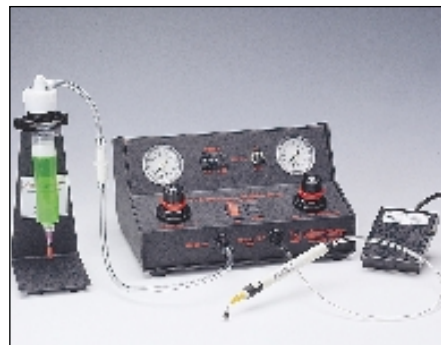
- 64 kbyte program capacity (excluding system task)
- X-axis range 250mm to 0mm (resolution 0.014mm)
- Y-axis range 210mm to 0mm (resolution 0.014mm)
- Optional Z-axis range 0mm to 70mm (resolution 0.006mm)
- Optional R-axis range 0° to 360° (resolution 0.04mm)

System 225 Manual Wand System



- Manual lever activation
- Fine adjustment control
- Eliminates squeeze bottles
- Ergonomic design
- Operator controls amount to be dispensed

System 500 SMT Rework Station



- Comes with KDS824A Deluxe Shot Meter (see page 6 for features)
- Includes KDS301 Vacuum Pickup Wand and Deluxe Starter Kit
- Excellent for solder pastes as well as almost any material that can be syringe-loaded
- No cleanup or maintenance
- No leftover material to be ruined

System 300 Dispensing Valve & Tank System



- Timed control for reproducibility
- Valve's vacuum “suck-back” feature prevents dripping
- Use with low to medium viscosity, one-component materials
- Excellent for solder masks, UV materials (black hose available), oil, etc.
- Comes with three-gallon tank (one- and five-gallon tanks available)
- Foot actuated (optional finger switch available)
- Can be manifolded to accommodate multiple valves
- One in-house airline pressurizes both valve and tank

System 800 High Viscosity System



- Air operated with manual “on-off” control
- Disposable cartridges
- Comes with 6-oz. cartridge retainer (2- and 12-oz. also available)
- Takes up minimal table space
- Eliminates waste and cleanup
- Foot-actuated

CA System/Gloves/Cots/Bottles

System 230/240 Cyanoacrylate Dispensing Units



System 230 Hand Held Valve:

- Hand held valve
- Reproducible deposits of material
- Ergonomic design
- Foot actuated



System 240 Fixtured Valve:

- Mounted valve, for hands free dispensing
- Reproducible deposits of material
- Ergonomic design
- Foot actuated

System 230/240:

- Reliable, extremely accurate, and affordable
- All valves have a "Floating Diaphragm" design (two extra diaphragms)
- Low maintenance and clean-up
- Fits standard 1lb bottle (500g) - larger tanks available

Latex Finger Cots



All finger cots come in Small (S), Medium (M), Large (L) and Extra-Large (XL).

KDS5C-500 – Powder-free,

200 gross/case (10 gross minimum)

KDS7C-700 – Anti-static, powder-free,

100 gross/case (5 gross minimum)

KDS8C-800 – Conductive finger cots,

100 gross/case (5 gross minimum)

Squeeze Bottles



Bottles come with 18-1/2 needle (other needle sizes available upon request).

KDS5100LL – 1 oz. Flux Bottle

KDS5200LL – 2 oz. Flux Bottle

KDS5400LL – 4 oz. Flux Bottle

KDS5000A – Accordion Bottle with Luer Lok™ Tip

Nitrile Gloves

Nitrile gloves are 9" long and come in Small (S), Medium (M), Large (L), Extra-Large (XL), and Extra Extra Large (XXL).

KDSQ095 – Nitrile class 100 - powder free, 100 gloves/bag (10 bags/case)

KDSQ095 – Nitrile class 1000 - powder free, 100 gloves/bag (10 bags/case)

KDSQ09BP – Nitrile class 100 - powdered, 100 gloves/bag (10 bags/case)

KDSQ09BPF – Nitrile class 100 - powder free, 100 gloves/bag (10 bags/case)



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