

# Cartridge Systems/Batch Mixer/Reservoirs

## KDS807-0/KDS807-0P Production Gunstand

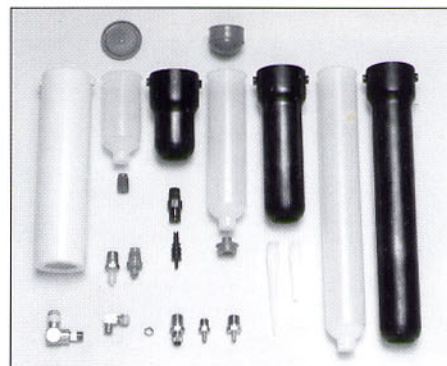
- Available with aluminum or plastic head
- Dispenses materials from disposable plastic cartridge with 2-1/2 oz., 6 oz. or 12 oz. capacities (optional sizes from 20 oz. to 64 oz., special order)
- Use when taking work piece to the dispenser (except where a hose can be used)
- For medium- to high-viscosity 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

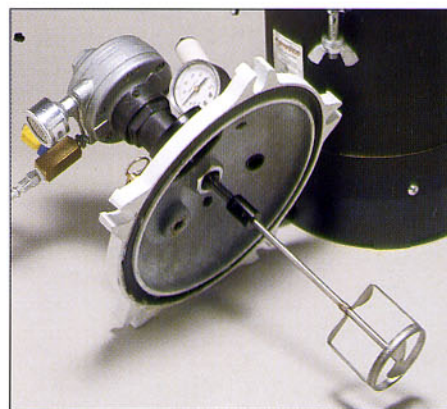


The inner, disposable plastic liner for metal retainers. Comes standard in 2-1/2, 6 and 12 oz. sizes. Larger sizes available. Contact factory.

### 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)

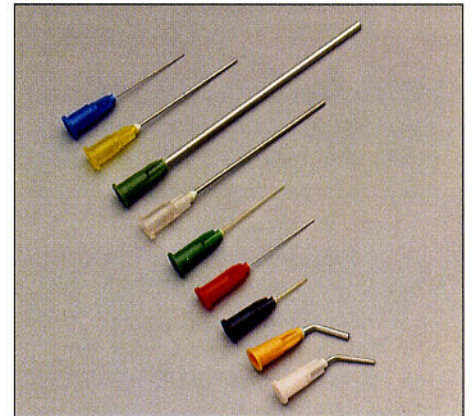


- Sizes from 14 through 30 ga.
- Standard lengths start at 1/2" (27 ga. is 5/16")
- All gauges (except 30 ga.) available in 1" and 1-1/2"
- 14 ga. needles available in 2" and 3"
- Special sizes and lengths available (contact factory for quote)

## 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)

Kahnnetics 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.

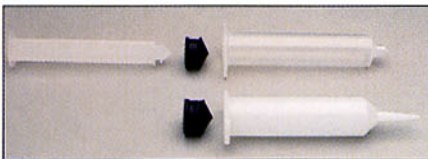
## Bulk Syringes

### 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



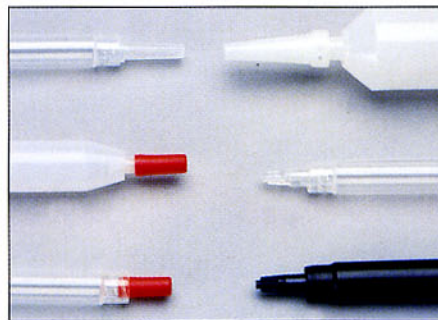
### Manual Assembled

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.

### 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

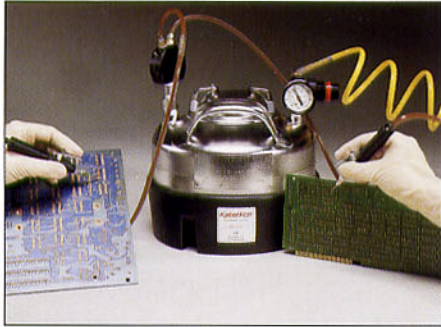
### Plastic Stoppers



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

## System 400 SMT Rework Station



- Comes with KDS3000 Programmable Shot meter (see page 7 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 220 Manual Wand System



- For low to medium viscosity CA's, and materials such as solder masks and self-leveling UV materials (use black hose)
- Fits standard one-pound CA bottle
- Reservoir is plexiglass with aluminum protective shield
- Ergonomic wand design
- Material need not be purged after use
- Utilizes internal bladder system which can be easily replaced

## 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

## KDS26000 Series Cyanoacrylate (CA) Unit



Retrofit Unit (without a controller consists of:

- CA valve
  - Reservoir and shield
  - Valve holder
  - Replacement cartridges
  - Miscellaneous hoses and fittings
  - CA remover
  - Needle samples
  - Accessory regulator and gauge
- Can be ordered as a complete system with a controller or foot valve, or by itself
  - Reservoir holds a standard CA one-pound bottle (10 Kg reservoir also available)
  - Reservoir is plexiglass with an aluminum protective sleeve
  - Valve can be hand-held or fixtured
  - Pinch valve utilizes a cartridge system for ease of changing pinch tube
  - For low to medium viscosity CA's



## Latex Finger Cots (Rolled)



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

KDS7C-700 – Anti-static, powder-free,  
100 gross/case (5 gross minimum)

KDS8C-800 – Conductive finger cots  
(sold in case quantities only, 4000/case  
– 40 “tray packs” of 100 pieces each)

## Squeeze Bottles



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

KDS5100 – 1 oz. Flux Bottle  
KDS5200 – 2 oz. Flux Bottle  
KDS5400 – 4 oz. Flux Bottle  
KDS5000 – Accordion Bottle with Luer Lok™ Tip

## Sensi-Care Gloves



- A synthetic, low-powder glove
- Offer features that latex gloves have, without the disadvantages
- Virtually eliminates any incidence of allergic reactions
- Fit, feel and comfort exceed that of latex gloves

## Stretch Vinyl, Powdered Gloves

Vinyl glove is extremely competitive with popular latex gloves currently available. Its many advantages over latex include:

- Neutral to skin irritations such as contact dermatitis (latex has solvents and chemicals that can leach out of the gloves and cause irritation)
- More sensitive for picking up components (tends to be .001 to .002” thinner than latex, depending on brand).
- No ozone breakdown to atmosphere, light or sun (latex should be stored in a cool, dark place)
- Lightly powdered for ease and comfort