## Solvent Padding & Dispensing System; Smart Indicating Series

**Description:** The Airgas® Solvent Padding & Dispensing system provides a safe and efficient method for removing solvents from the storage container. This system uses the Airgas two-stage Regulator to provide accurate low pressure (max 25 psig) control while maintaining gas purity by containing and removing contaminates that can enter the solvent container during the padding process. The two cylinder process station model includes a 30" SS flexible pigtail with a block-and-vent assembly incorporated on the inlet, and a check valve CGA 580 nipple. These components prevent mass contaminates from entering the gas stream and contaminating the solvent. The entire assembly comes pre-mounted onto a process station that allows for use of one cylinder and storage of a reserve cylinder. The rack is epoxy powder paint finished, plate steel. As a safety precaution, an integrated relief valve has been added to the outlet of the regulator which will protect the solvent container from possible over-pressurization. On the outlet of the regulator, a 6 ft high purity cleaned, flexible metal hose delivers the low pressure gas to the solvent container. On the end of this flexible hose is a check valve followed by the "GAS INLET" keyed quick-connect. Once connected to the solvent container, the head pressure inside the container can be positively charged to a maximum of 25 psig. The "LIQUID OUTLET" keyed quick-connect has a toggle valve to control the dispensing of the solvent into an approved secondary container. Optional scales are available to assist in accurately recording the total amount of the solvents dispensed.



### Design Features

***Safeguards* Purity of Padding Gas**
- provides protection of your processes from being contaminated by an improper cylinder of a lower grade of gas being connected
- contains and removes contaminates that can enter the solvent container during cylinder change out

**Provide Convenient Cylinder Storage**
- two cylinder capacity provides room for process and reserve cylinder

**Easy Installation and Setup**
- Entire system delivered pre-mounted to process panel
- Process Station shipped partial disassembled for freight savings and ease of use

**Safety Relief Valve**
- protects the system from possible over-pressurization should the regulator fail.

**Grounding Straps**
- regulator assembly grounded to process station
- additional grounding strap provided
- protects the system from a possible static-electric discharge while dispensing flammables liquids

**Flexible Metal Pigtails**
- Stainless Steel construction provides excellent diffusion and corrosion resistance
- High convolution count provides excellent flexibility
- Cleaned for O2 Service; allows high purity system integrity

**Integral Check Valves**
- ensures high purity integrity maintained
- eliminates possible solvent bleed back into cylinder

**Solvent Specific Keyed Quick-Connects**
- allows for connection to "GAS" inlet and "LIQUID" outlet on solvent containers

**(2) Pre-Bent ¼" Stainless Steel Tubing**

## Ordering Information

| Product Number | Compatible Solvent | Max Padding Press. (PSIG) | Cylinders |
|---|---|---|---|
| Y15-ACN01K | Acetonitrile | 25 | Complete Solvent Padding & Dispensing System w/ Process Station |
| Y15-ACN40K | Acetonitrile | 25 | Solvent Padding & Dispensing Assembly w/ Y12-N245 Regulator |
| Y15-MEH01K | Methanol | 25 | Complete Solvent Padding & Dispensing System w/ Process Station |
| Y15-MEH40K | Methanol | 25 | Solvent Padding & Dispensing Assembly w/ Y12-N245 Regulator |

## Ordering Information

| | Description |
|---|---|
| Y40-301 | Digital Scale w/ 20" x 20.5" platform, ±0.5% accuracy, built in alarm, relays contacts for auxiliary communication |
| NOS SSG/# | Airgas Safety Products Item; Chemical Resistant Gloves, see Safety Catalog for # sizing |
| NOS SSA | Airgas Safety Products Item; Chemical Resistant Apron |
| NOS SSS | Airgas Safety Products Item; Chemical Resistant Sleeves |
| NOS SSB | Airgas Safety Products Item; Chemical Resistant Booties |
| S57 826-3X5-BL | Airgas Safety Products Item; Dissipative / Anti-Static Floor Mat |

Equipment