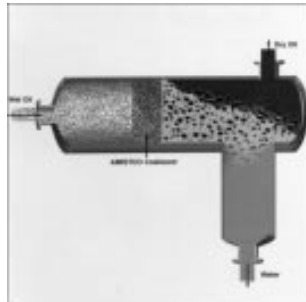




*Air Quality Engineering, Inc.*



*Amisco Separation Products*



*Electromotive Systems, Inc.*



*New England Electroplating*

**Cartridge Air Cleaner:** A new self-contained, continuous-cleaning overhead cartridge media air cleaner is used in source capture and ambient applications. The Model AQE 4000 can be ordered in one- and two-arm configurations or permanently ducted to capture such contaminants as welding smoke, grinding dust, plastic dust, etc.. Airborne contaminants enter the optional hood/arm assembly at a rate of up to 2500 cfm, propelling particles down through the venturi and into the clean-out drawer for discharge through the back of the unit. Air Quality Engineering, Inc., 3340 Winpark Dr., Minneapolis, MN 55427-2083. Details: Circle 401 on reader service card.

**Coalescers:** New plate and mesh pack coalescers are said to reduce tank settling time and downstream blending delays by eliminating haze in product faster than gravity separations. Plate, mono and multifilament mesh coalescers can be retrofit into existing liquid/liquid separators upstream from the tank farm. A variety of hydrophobic and hydrophilic materials accommodate a wide range of process applications. Turnkey separators are available. Amisco Separation Products, 23221 Hwy. 6, Alvin, TX 77511. Details: Circle 402 on reader service card.

**Handheld Color Meter:** Color matching and control is available in a lightweight, handheld instrument, the Color-Guide

Sphere. The unit comes with a computer interface that allows direct transfer of color data to Windows® applications, where it can be printed, processed or stored without manual data entry. Calibration is required only every three months, and 999 readings can be stored. BYK-Gardner, 9104 Guilford Rd., Columbia, MD 21046-2759. Details: Circle 403 on reader service card.

**Multi-gas Monitors:** The new, improved Personal Surveyor is a UL-approved, pocket-size multi-gas monitor with one to four sensors available for many applications, including confined space entry. It features one-button operation, electronic zeroing, high-contrast digital display of alarm settings, and all STEL, TWA, maximum, minimum and current gas readings. A self-contained air pump, data logging software, carrying case and accessories are available. The unit is rugged, weatherproof, RF-shielded and weighs about a pound. CEA Instruments, Inc., 16 Chestnut St., Emerson, NJ 07630. Details: Circle 404 on reader service card.

**Thickness Measurement:** A new computerized coating thickness measurement system with plug-in modules provides up to four different measurement disciplines (magnetic induction, eddy-current, microresistance and beta backscatter). The CMI 700 Series is a microprocessor-controlled instrument that measures most combinations of coat-

ings and substrates. It has a large, high-contrast, back-lit display and menu-based operator interface. CMI International, 945 Busse Rd., Elk Grove Village, IL 60007. Details: Circle 405 on reader service card.

**Collision Avoidance:** To increase safety and enhance performance of overhead material handling systems, an expanded line of ReFlx™ products now includes the ReFlx 100 and ReFlx 100 "Plus" distance detection systems, used to avoid crane-to-crane and crane-to-wall collisions. ReFlx 30 acts as a warning device. The systems are immune to most electrical noise, including variable frequency drive noise. Electromotive Systems, Inc., P.O. Box 13615, Milwaukee, WI 53213. Details: Circle 406 on reader service card.

**Labels:** The Survivor™ series of indestructible polyester tag/label material is designed for the most demanding applications, and can withstand high winds, extreme temperatures and weathering conditions. It is said to be a lower cost alternative with superior strength and endurance characteristics, and requires no eyelets or patches. Intec, Inc., 1 Intec Lane, Belows Falls, VT 05101. Details: Circle 407 on reader service card.

**Parts Washers:** An expanded line of automatic, front-load, aqueous parts washers offers the smallest, most economical model ever, the SJ-100. With a

load weight of 1,000 lb, load height of 36 in. and a basket diameter of 24 in., the SJ-100 is the size of a top-load unit with front-load convenience. It also features the patent-pending spin wash design with a unique water-propelled spray bar. Landa, Inc., 4275 N.W. Pacific Rim Blvd., Camas, WA 98607. Details: Circle 408 on reader service card.

**Particulates Monitor:** Designed for continuous monitoring of pressurized gas streams, the HPM-1000 is installed directly in-line in compressed air/gas systems and provides real-time and time-averaged measurements of oil mist carryover, entrained water mist and particulate contamination. With no moving parts, it is virtually maintenance-free. Features include a switched alarm output, a two-line LCD readout and an optional LED readout unit for remote installation. MIE, Inc., 7 Oak Park, Bedford, MA 01730. Details: Circle 409 on reader service card.

**Electropolishing:** A service for finishing stainless steel parts is said to precisely remove high points on the surface to produce a bright, reflective finish. With an increased chrome-to-iron ratio and a chemically bonded oxide surface layer, this stress-free process deeply passivates and improves corrosion resistance. New England Electroplating Co., Inc., 220 Shove St., Fall River, MA 02724. Details: Circle 410 on reader service card.