

APPLICATION AIR TECHNOLOGIES



LABORATORY

Gas chromatography (G.C.), High performance liquid chromatography (H.P.L.C.), ION chromatography (I.C.), Spectroscopy (X-ray, Infra-red, Ultra-violet, AA, mass, NMR,...), Rheometers, viscometers, Particle size analyzers, Optical tables, microscopes, Generators (membranes) for nitrogen, oxygen, CO₂-free purge air Transfer of liquids, dispensing, bottling Spraying/rinsing of bottles, test tubes, glassware,...

MEDICAL, HEALTHCARE

Autoclaves, sterilizing Blood-analyzers (Aids/HIV), Chiropractic & p hysiotherapy tables Dentistry, dental labs, veterinary dentistry Ear, nose, throat doctors: air/vacuum aspirators Evacuation/sealing/welding of bags/bottles (blood), Hospital beds/seats: air cushion, adjusting Mammography X-ray, Pediatricians (chiropodists), Pumping of bandages (ambulances and physiotherapy), Respiratory equipment, oxygen concentrators, nebulizers, Surgical instruments, Tire inflating of wheel chair tire

ELECTRONICS

Antenna (telescopic) de-icing (mobile transmitters), Cable pressurization (telephone & TV cables, gas pipe lines) Computer graphics, Computer disc robot-automat Electronic industry print mounting, de-soldering, test equipment,... Hi-voltage pneumatic circuit breakers

FOOD, BEVERAGE, WATER

Bakeries (spraying of vegetable oil), Coffee automats, Dispensing draught beer (nitrogen generators a.o.), Dispensing soft drinks (cola,...), Dispensing mayonnaise, ketchup, mustard. French fried vending machines Food processing. packaging (agitation, transfer, pressing, sealing,...), Hydrofors (pressurization of water supply), Ozone generators (water treatment)

MISCELLANEOUS

Air-brushing, Air cushion (bearing) mounted scientific instruments, Air vending for gas stations, Antistatic cleaning, systems (air ionization), plastic industry a.o., Application of glue, Loctite, lubricants,..., Breeding/hatching of fish pond (aeration), Caulking guns (guns for extrusion of mastics & sealants), Car washing systems (for cleaning of dirty water through air blow), Clean blowing & antistatic cleaning of cameras, watches, computers,..., Coin counting machines, Cosmetic/pharmaceutical industries, Decompression tanks, Dispensers of videotapes (pneumatic automation), for public of TV automatic programming, Door/window opening, Engraving Filling of spray Cans, Film processing/handling, Fitness machines, Flight simulators, Fluids/logic systems (pneumatic automation), Gas compression, Gates automatic opening Glue dispensers of guns Inflating tires, balls,...

Jewelry/goldsmiths Labeling equipment Massage chairs (pneumatic automation) Opticians '1 hour' lenses (lens grinders/holders) Printing industry (blueprint, microfilm, photocopy, book-binding) Robotics, didactics Safety systems (pneumatic actuators) gas stations/banks Scanners for off-set film/newspaper printing Security systems Shoe industry Solariums (sun-beds) Stapling, nailing, framing, riveting,... Temperature, ventilation control systems Textile industry (sewing machines) Ultra high speed (dental) machine tools: like drilling units, used in various industries.