

## USED EQUIPMENT STOCK REVIEW AUGUST 2017

### **NEW ARRIVALS / COMING SOON**

**We have recently taken into stock the following items that may interest you:**

5B 3860 Ytron model ZPS 130 inline homogenizer, appears Unused condition, supplied with manufacturers manual

5A 4013 Turbula T2C mixer/blender

4C 4012 King Isec capping machine

4C 4011 King Screw 8 head capping machine

4C 4010 King ROPP 8 head capping machine

4E 4009 OCS checkweigher

4A 4002 Complete Liquid filling line comprising of King 8 head filler with header tank and 550ltr vessel, King Rotary capper, 2 bowls, stainless steel rotary table, cap elevator. Can be supplied with a labeller if required.

4A 4001 Complete Liquid Filling Line, comprising of King 8 head filler, header tank, King Isec Press on Capper, Bowl feeder, Bertolaso ROPP capper and feeder, bottle cleaner/vacuum cleaner, can be supplied with labeller if required

4A 4000 2 head stainless steel liquid filler

4A 3999 KING 5 head liquid filling machine

2A 3998 Haagen & Rinau UNIMX SRT15 process vessel, vacuum rated, bottom entry underdriven homogeniser

5B 3996 Silverson Verso bench top inline mixer.

5B 3994 Silverson L5M

6F 3993 Russell Vibrasonic sieve, 36"

6F 3992 Russell Sieve, 22".

1A 3991 King Dispensa tablet/capsule check counter, polished stainless steel finish.

3C 3990 Intropack model GR51-p powder filler

5B 3989 Silverson model DX homogeniser on a Silverson mobile hoist.

4D 3988 Enercon 3300 induction sealer (2 available)

4D 3987 Enercon 3200 induction sealer.

5A 3985 Winkworth GU240 single spiral ribbon blade powder mixer/blender in stainless steel, gross capacity 357 litres.

7A 3984 Farley Greene mobile tank mixer

4C 3981 NEWMAN CT4 capping machine

3A 3982 KING single head technofil liquid filling machine

3A 3979 Framax 2 head liquid filling machine with conveyor

**All listed items are wholly owned Novatech stock available from our warehouse.**

### **PHARMACEUTICAL PRODUCTION / PROCESSING: >**

### **SOLID DOSE MANUFACTURING / PROCESSING & PACKING**

1A 3983 MANESTY tablet deduster, model TD25

1A 3961 Pharma Technologies model PH4 Pro2LF combined metalcheck and deduster (2 available).

1A 3959 Safeline PH2 metalcheck (2 available).

1A 3949 Pharma Technologies stand alone deduster (6 available).

1A 3939 IWKA PAM BP102 blister machine

1A 3895 MANESTY model TD25 all stainless steel (316 grade) tablet deduster, variable speed, 240v.

1A 3890 MANESTY Rotapress Diamond MK V 55 station turret for Euro-norm "B" type punches and dies.

1A 3889 MANESTY Rotapress MK IV 55 station turret for Euro-norm "B" type punches and dies.

1A 3887 10kg Lab Development V Cone Blender

- 1A 3886 Manesty F3
- 1A 3883 MANESTY XL 60litre coater
- 1A 3867 Kraemer C810 Deduster & Safeline Metal Detector
- 1A 3863 Swiftlift Elevator
- 1A 3861 IMA TB4 semi auto, 2 channel electronic tablet/capsule counter in polished finish stainless steel.
- 1A 3821 LOCK MET30 metal detector
- 1A 3816 Safeline model PH2 metal detector
- 1A 3802 SWIFTPACK "Swiftpack TC12 model SV2ES high speed fully auto electronic tablet/capsule counter, 12 lanes.
- 1A 3797 KING "Technocount" model TC8 fully automatic medium speed electronic tablet/capsule counter/filler with 8 lanes
- 1A 3792 KING model TB4 semi auto two channel electronic tablet/capsule counter in polished s/s finish.
- 1A 3791 IMA SWIFTPACK "Swiftcount" semi auto electronic tablet counter, 2006. CE marked, 240v 1ph.
- 1A 3787 Fantasy IP45 bench top lab scale blister packer, tooling for sizes 00 and 3 capsules
- 1A 3761 IMA SWIFTPACK "Swiftcount" semi auto electronic tablet counter. CE marked
- 1A 3714 CAPSUGEL model 8 semi automatic capsule filler, polished 316 stainless. Full sets of UK and US change parts
- 1A 3674 Rohrer & Collin Development/Lab scale blister packer with change parts
- 1A 3673 Swiftpack model SPC12 Electronic Automatic Tablet Counter, Full stainless steel
- 1A 3615 PHARMACOUNT bench top tablet counter
- 1A 3606 Rohrer & Collin model R5500 small scale/development blister packer + several format parts + chiller unit. Excellent condition.
- 1A 3597 King TB4 in polished stainless steel finish, mounted onto stainless steel mobile frame
- 1A 3583 Kraemer 2000 series spiral track tablet de-duster/Safeline PH2 metal detector combined unit.
- 1A 3517 Elanco 8 semi-auto capsule filler with sets of change parts, 316 S/S.
- 1A 3510 DT Industries Swiftpack "Swiftcount" bench top single head tablet/capsule counter
- 1A 3402 MANESTY F3 single punch tablet press, lab/trial scale machine, excellent condition.
- 1A 3388 KING model TB4 electronic tablet / capsule counter in GMP polished finish stainless steel
- 1A 3356 MR DEBLISTER for salvage of rejected capsules from blister packs.
- 1A 3181 KRAEMER C800 uphill type tablet de-duster.
- 1A 3180 KRAEMER C800 uphill type tablet de-duster.
- 1A 3179 KRAEMER C810 uphill type tablet de-duster
- 1A 3172 KRAEMER C810 uphill type tablet de-duster
- 1A 3106 SWIFTPACK "Swiftlift" tablet/capsule elevator/loader
- 1A 2990 CASBURT tablet de-duster in stainless steel, 316 grade product contact surfaces, GMP construction
- 1A 2899 KING TB4 tablet/capsule counter in GMP quality, stainless steel finish
- 1A 2342 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished. 75 x 45mm aperture

#### **GRANULATORS AND MILLS**

- 1B 3940 Frewitt Coniwitt mill.
- 1B 3827 KEK 120 cone mill.
- 1B 3809 GLATT model GS100 conemill, polished stainless steel, Exd rated, excellent condition.
- 1B 3808 GLATT model GS100 conemill, polished stainless steel, ex Pharma, excellent condition.
- 1B 3804 ELAN Magmill Nanomill
- 1B 3743 FREWITT model GLA-OV laboratory scale granulator, constructed in 316 grade stainless steel
- 1B 3353 FLUID AIR 103 Fluid energy mill
- 1B 3326 J BONALS oscillating granulator model 25 constructed in 316 grade stainless steel with mirror polished surfaces
- 1B 3184 FREWITT type MG663 granulator, stainless steel construction

#### **MIXERS AND BLENDERS**

- 1C 3820 PMS UD100 Universal Drive lab blender
- 1C 3722 COLLETTE "Gral" 90 litre mixer/granulator in mirror polished 316 grade stainless steel.
- 1C 3718 AEROMATIC FIELDER model PMA 25 mixer-granulator, stainless steel



- 1C 3717 RAYNERI "Tri-mix TXR 50" 50 litre mixer
- 1C 3705 AEROMATIC FIELDER PMA 65 high speed mixer granulator
- 1C 3523 AEROMATIC FIELDER PMA 10 high speed mixer granulator, full GMP.
- 1C 3411 AEROMATIC FIELDER model PMA 65 mixer-granulator, GMP quality, 316 grade mirror polished stainless steel all surfaces
- 1C 3354 GEA AEROMATIC FIELDER PMA 25/65/150 with exchangeable mixing bowls for 6-8kg; 10-20kg or 20-50kg batch sizes.

#### **PROCESSING MACHINERY**

- 1D 3748 KEK K300C rotary powder sifter
- 1D 3719 GLATT model GCPG 3-5 Fluid bed spray coater/granulator, 3 to 5 kg batch size, complete with WURSTER bowl
- 1D 3533 HOSOKAWA Micron Lab scale mixer.
- 1D 3352 NIRO ATOMISER type CC1 "COMBICOTA" lab scale fluid bed dryer/coater/granulator
- 1D 3275 IKA "DISPAX" type DR3/16 high performance homogeniser, 3 stage head, each with 3 separate rotor/stator sets, 45kw.
- 1D 2760 CALEVA model 15 spheroniser, 316 stainless steel, extended bowl, mobile.

#### **OTHER EQUIPMENT**

- 1E 3944 Dr Schleuniger WHT AutoTest4 tablet tester (2 available).
- 1E 3806 KRAEMER model UTS 12F tablet tester
- 1E 3730 HOSOKAWA powder testing system
- 1E 3712 LOCK INSPECTION model MET 30 tablet/capsule metal detector, mirror polished, reject system.
- 1E 3559 ERWEKA DTG 400 4 flask tablet disintegration tester
- 1E 3558 ERWEKA DTG 400 4 flask tablet disintegration tester
- 1E 3544 KRAEMER UTS 12F tablet diameter, thickness, weight and hardness tester combined rotary unit
- 1E 3536 ERWEKA DTG 400 4 flask tablet disintegration tester
- 1E 2305 C I ELECTRONICS tablet checkweigher, bench top model in polished stainless. Complete with data printer.

#### **STAINLESS STEEL VESSELS**

##### **PROCESS VESSELS**

##### 0-500 LITRE VESSELS

- 2A 3872 GROEN lab scale process mixing vessel
- 2A 3818 SKERMAN 25 litre process vessel
- 2A 3805 SOMAKON model MPL1 lab mixer
- 2A 3749 GIUSTI "PHARMIX" 50 gallon process vessel in polished 316 s/s.
- 2A 2991 400 Litre 316 stainless vessel, limpet coil jacketed, vacuum rated. LIGHTNIN agitator.
- 2A 2995 400 Litre 316 stainless vessel, limpet coil jacketed, vacuum rated. LIGHTNIN agitator.
- 2A 1020 350 litre WEBSTERS reaction vessel, mirror polished internally, stainless jacket, vac & pressure rated, FLP stirrer.
- 2A 2372 325 litre STAINLESS SERVICES LTD vessel, 316L. 1 bar + full vac. Limpet coil jacket 6 bar wp. LIGHTNIN mixer 1.5kw Flp
- 2A 2373 325 litre STAINLESS SERVICES LTD vessel, 316L. 1 bar + full vac. Limpet coil jacket 6 bar wp. LIGHTNIN mixer 1.5kw Flp
- 2A 3737 250 litre BECOMIX 250 jacketed, vacuum, scraped wall, homogeniser.
- 2A 3444 250 Ltr GIUSTI Pharmix, contra rotating mixer with bottom entry homogeniser, jacketed. 316 s/s
- 2A 3237 200 litre ADELPHI mirror polished vessel with SILVERSON BX homogeniser and 2 blade centre stirrer.
- 2A 3271 200 litre GIUSTI with Lightnin top mixer and Silverson 200L inline homogeniser recirculation from bottom outlet.
- 2A 3625 200 Ltr Websters process vessel, full vac and jacketed
- 2A 3733 150 litre, polished internal/external finish, 3 bar + full vacuum, electrically heated jacket, Greaves FGM mixer, 1999
- 2A 2391 143 litres HAAGEN & RINAU 316 stainless vessel. 3 blade prop mixer. Stainless jacketed. Vacuum rated. Lapped finish.
- 2A 3238 140 litre mirror polished conical vessel with jacket and top mixer..
- 2A 3721 120 litre FRYMA KORUMA VME120C, high quality mixing process vessel, in as new condition

- 2A 3738 100 litre Oscar Krieger MMD 100 vacuum, process mixer/homogeniser, jacketed, contra scraped wall, CIP & SIP, sterile spec
- 2A 2501 80 litre mirror polished vessel with 1.5kw 3 blade mixer. Stainless heating jacket.
- 2A 3717 50 litre Rayneri "Trimix TXR 50" conical vacuum mixer. Scraped wall, contra agitation, homogeniser, hydraulic lift.
- 2A 3690 50 litre GIUSTI "Pharmix 50" process vessel, side-scrape, homogeniser, jacket, vacuum
- 2A 3051 20 litre FRYMA model VME 20 lab/product development scale mixer for creams, lotions, gels and viscous products.
- 2A 2966 15 litre GIUSTI with under driven scraped surface agitator, top entry homogeniser, jacketed, full stainless control panel.
- 2A 3209 15 litre vessel with paddle type stirrer and self heated hot oil jacket in polished stainless, on a height adjustable pedestal.
- 2A 3042 12 litre FRYMA model VME 12C lab/product development scale mixer for creams, lotions, gels, and viscous products.
- 2A 3716 5 litre Oskar Krieger MMU 5 Lab scale vacuum mixer/homogeniser. Scraped surface with baffle plates, jacketed.
- 2A 3624 4.3 litre Esco Labor lab scale mixing vessel, full vac, scraped wall and homogeniser with heating

#### 501- 1000 LITRE VESSELS

- 2A 3870 SKERMAN 1000L contra rotating process vessel
- 2A 3704 1000 litre Skerman process mixer, contra rotating, vacuum, jacketed, bottom homogeniser, hydraulic raise/lower
- 2A 3508 900 litre Giusti process vessel, scraped surface with contra baffle plates, variable speed, jacketed
- 2A 2546 700 litre SINCLAIR hemispherical mixing vessel, vacuum + 4bar. Variable speed 1.5kw anchor mixer. 1992.
- 2A 3689 650 litre GIUSTI scraped wall jacketed mixing vessel, power raise lid
- 2A 3512 509 litre BCH (Brierly Collier & Hartley) jacketed hemispherical vessel, anchor scraped wall + Lightnin 3 blade top mixer

#### 1001 LITRE + VESSELS

- 2A 2954 7729 litre WEBSTERS vessel with scraped surface contra rotating mixer, full stainless 10.34 bar jacket

#### **MIXING VESSELS**

- 2B 3969 1200 litre stainless steel mixing vessel with dedicated stainless steel support stand.
- 2B 2319 1000 litre Wincanton Engineering 316 S/S mixing vessel, 316L 2 bar s/s jacket. 4 blade turbine mixer, Flp drive. 1997.
- 2B 2347 850 litre 316 stainless pre mix vessel, full stainless jacket, top mounted Silverson homogeniser. Flat top, dished base.
- 2B 2352 700 litre stainless steel vessel with LIGHTNIN top mixer. Mounted onto a stainless steel mobile base.
- 2B 2657 605 litre stainless steel vessel with hemispherical base. 900mm dia x 1100mm deep. Top centre SILVERSON 4kw 2820 rpm.
- 2B 2578 500 litre stainless steel vessel with s/s heating jacket and side clamped LIGHTNIN LD37 mixer, 0.37kw 415v. 940mm shaft.
- 2B 2470 477 litre PERMA SAN polished finish stainless open top vessel with LIGHTNIN VIP25A air driven clamp on mixer fitted.
- 2B 3720 150 litre stainless steel vessel with top entry mixer
- 2B 3600 DONSMARK model QMM/I mobile laboratory size mixing system with 3 interchangeable bowls

#### **PANS & PRESSURE VESSELS**

- 2D 1794 1150 litre polished 316 receiver, 1000 dia x 1400 plus dished ends. 2.2 bar + FV wp. Lagged, s/s rigid clad, 3 x mtg. brackets.
- 2D 1795 1150 litre polished 316 receiver, 1000 dia x 1400 plus dished ends. 2.2 bar + FV wp. Lagged, s/s rigid clad, 3 x mtg. brackets.
- 2D 1565 260 litre hemispherical stainless pan 700 dia x 800mm deep. Top cover. 20mm dia outlet. 40 psi painted jacket to base.
- 2D 3474 250 litre (approx) jacketed Stainless steel vessel, last used as a fat melt vessel
- 2D 423 220 litre stainless steel vacuum receiver vessel, flanged top dish, vac & 60 psi rated, 3 x painted steel legs.
- 2D 1814 29 litre polished stainless bin with top cover. Side grab handles. 345mm dia x 345mm deep with taper. 11 matching available.

#### **STORAGE & MOBILE VESSELS**

- 2E 3906 KUGLER mobile pressure vessel, 225 litre, 316 stainless, three zone electrically heated jacket, lagged and clad, 25 available

#### **FILLING EQUIPMENT**

##### **LIQUID FILLERS**

- 3A 3966 SP Machines inline 4 head liquid filling machine, fill range 0.5ltr – 5ltr
- 3A 3931 KEMWALL hot product filling machine

- 3A 3884 Apple model MR900 pneumatic depositor
- 3A 3876 Universal Posifill liquid filling machine
- 3A 3873 KEMWALL hot liquid filler for cosmetic products
- 3A 3800 OMAS model GL250 monobloc fully auto 4 head inline liquid filling/plugging/capping machine, fill range 50-550ml, As New.
- 3A 3779 UNIVERSAL "Posifill" bench top semi auto single head liquid filling machine.
- 3A 3745 UNIVERSAL "Posifill" single head semi automatic all pneumatic liquid filling machine, fill range 50ml -500ml.
- 3A 3614 KING 4 head inline liquid filler, piston style pumps, different sizes available
- 3A 3440 KING 4 head inline filler, with piston pumps, diving head and gated conveyor system
- 3A 3282 M & P single head depositor, pneumatic, stroke adjustable, 10ml up to 2 litre fills.
- 3A 3258 ADELPHI type "Centrair" bench top semi auto liquid filler, all stainless, pneumatic, product hopper, rotary valve.
- 3A 3218 ADELPHI "Centrair" bench top filler, all stainless, product hopper, rotary valve, pneumatic operation, on a s/s table.
- 3A 3217 ADELPHI "Centrair" bench top filler, all stainless, product hopper, rotary valve, pneumatic operation, on a stainless steel table
- 3A 3054 KING 8 head filler with 0-160ml pumps fitted

#### **TUBE FILLERS**

- 3B 3972 KALIX KX14 tube filling machine
- 3B 3739 Comadis Model C1110 Auto tube filler, hot air sealing head plus interchangeable head for aluminium tubes. 90 tubes/min.
- 3B 3703 COMADIS model C90 fully automatic tube filling and sealing machine suitable for aluminium tubes
- 3B 3341 TGM model E250 Matic tube filler, hot jaw for plastic tubes, also complete with spare head for metal tubes, st.stl construction
- 3B 2928 UNIPAC type S90 tube filler, hot jaw sealing system for thermoplastic tubes

#### **POWDER FILLERS**

- 3C 3978 ALLFILL powder filling machine
- 3C 3973 ALLFILL model S10 semi automatic powder filler

#### **OTHER FILLERS ( FFS, SACHET, DEPOSITORS, AEROSOL, PASTE/CREAM)**

- 3C 3675 ILAPAK "Alfa400" 4 lane sachet filler, 200/min, 4 side seal

#### **PACKAGING MACHINERY**

##### **LABELLING MACHINES**

- 4A 3974 PAGO model 15 E-i labelling machine (3 available)
- 4A 3977 PAGO model Pagomat 3 labelling machine
- 4A 3970 NERI SL400 labeller (2 available).
- 4A 3936 PAGO SYSTEM 214 top labelling machine
- 4A 3934 PAGO SYSTEM 214 top labelling machine
- 4A 3855 PAGO 100 labeller
- 4A 3856 PAGO 100A labeller, stainless steel, single labelling head for patch or wraparound labelling, hot foil data printing device fitted.
- 4A 3681 Pago Pack Labeller, 1.8m x 200mm belt conveyor, 200mm high label beak, supplied new 2005.
- 4A 3158 HARLAND "Comet" labelling head with Allen hot foil coder attached
- 4A 3105 HARLAND "Sirius" automatic self adhesive wrap labelling machine in stainless new in 1997.Wrap station, with ICEcoder
- 4A 3037 LANGUUTH small bench top wet glue labeller
- 4A 2988 HARLAND "Proteus 155S single head top labelling machine

##### **CARTONING & CODING MACHINES**

- 4B 3968 CAM Cartonner
- 4B 3377 Domino DDC3 laser coder, all stainless steel construction, as new
- 4B 3376 Domino DDC3 laser coder, all stainless steel construction, as new
- 4B 3762 LINX high speed Laser coder.

#### **CAPPING & CLOSING MACHINERY**

- 4C 3881 ELF 3 wheel inline capper
- 4C 3698 KING "CAPS 80" auto screw capper, s/s, vibratory bowl cap feeder, 1997, as new
- 4C 3967 Capcoder model CC550 star wheel based semi auto screw capping machine, stainless steel, all pneumatic.
- 4C 2544 PLASTIK TECHNIC VSM2 bench top semi auto screw capper, all S/S. Torque adjustable. Fully guarded. Looks UNUSED.
- 4C 2131 BWI KP Aerofill bench top pneumatically operated semi auto crimper for atomizer pump sprays (not for Aerosol pumps).

#### **SEALING, WRAPPING & SHRINKWRAPPING MACHINERY**

- 4D 3933 KEINER SKINETTA ASK 2000 Overwrapper
- 4D 3765 Tommy Nielsen semi automatic 4 station rotary blister sealer
- 4D 3277 MULTIVAC bag sealer type A300/16
- 4D 3215 WRAPS UK L sealer/heat tunnel
- 4D 3210 WRAPS UK spare heat tunnel for Ref 3215.

#### **LINE MACHINERY**

- 4E 3773 Thermo Ramsey inline checkweigher type RXM (Best 900 series)
- 4E 3774 Thermo Ramsey inline checkweigher type RXM (Best 900 series)
- 4E 3018 KING slat track type bottle accumulation/bottle management table with turntable + transfer, variable speed drive.

#### **ANCILLARIES**

#### **BLENDING EQUIPMENT**

##### **DRY PRODUCT BLENDERS**

- 5A 3892 Stainless steel ribbon blade blender for use on powders. Gross capacity 3360 litres.
- 5A 3891 Stainless steel paddle blade blender for use on liquids or powders. Gross capacity 3026 litres.
- 5A 3683 Apex 45kg stainless steel twin shell "V" powder blender, 400mm dia shells.
- 5A 3682 Apex 165D stainless steel twin shell "V" powder blender, 500mm dia shells.
- 5A 3160 PATERSON-KELLY "Y cone" powder blender, 80-200 litre working capacity.
- 5A 3027 WARWICK polished S/S cube blender, 33 litres gross capacity, variable speed, batch timer
- 5A 2671 TP ENGINEERING type 755 small scale powder blender, 17mm dia x 375mm long glass Turbula product flask.

##### **LIQUID BLENDERS & HOMOGENISERS.**

- 5B 3778 SILVERSON model 450LS inline homogeniser, 7.5kw 2980 rpm, 415v 50hz motor.
- 5B 3752 SILVERSON 450L inline homogeniser, 7.5kw 2890 rpm. Ex toiletries products use.
- 5B 3744 SILVERSON "Drop in" homogeniser suspended from a stainless steel mobile "A" frame. UNUSED CONDITION.
- 5B 3724 SILVERSON "DX" drop in type homogeniser, 0.75kw 2,850 rpm, 415v, wall mount system with pneumatic raise/lower.
- 5B 3626 CORNELL Versator "Inline de-aerator de-gasser"
- 5B 3623 IKA Dispax lab scale homogeniser
- 5B 3592 SILVERSON LDD lab scale homogeniser, 280mm long shaft with 40mm dia workhead + up-thrust/down-thrust impellor
- 5B 3585 PIERRE GUERIN large capacity high performance "System" homogeniser, model "Polymel" blender, Exd, Flp
- 5B 3475 SILVERSON EX homogeniser with mobile pneumatic hoist.
- 5B 3247 IKA "Dispax" homogeniser type DR3/16/666, 45kw flameproof drive, 65mm dia line connections RJT closure.

#### **PROCESS EQUIPMENT**

##### **DRYERS**

**HEAT EXCHANGERS** (Stock items not yet itemised)

**MILLS**

**HEATING & COOLING**

6D 3819 TRICOOL T90E heating system.

6D 3613 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3

6D 3612 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3

6D 3611 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3

6D 3610 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3

6D 3609 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums

**WEIGHING EQUIPMENT**

6E 2338 SARTORIUS type ISI 20 electronic platform scale. 20kg x 0.1gm. 400 x 300mm platform. Flameproof electrics. S/S. 1999.

6E 2337 SARTORIUS type ISI 20 electronic platform scale. 20kg x 0.1gm. 400 x 300mm platform. Flameproof electrics. S/S. 1999.

6E 1920 NOVAREIGH type T6006-200 stainless steel 200kg load cell set combination wired. 14mm dia. Ex batch vessel.

6E 1695 AVERY scale with 750 x 750mm stainless platform. 125 kg capacity. Requires an indicator unit.

6E 1694 OHAUS model I 10 electronic scale with 460mm x 460mm S/S platform. 45kg x 2gm divisions. Tare. Digital readout. 240v.

6E 1422 SALTER electronic scale type EB60 with remote indicator unit type E1200, 0-60 kg, S/S platform 500 mm x 400 mm, 240 v.

6E 1293 SARTORIUS electronic platform scale type 5708 004-2, 0 – 32.5kg x 0.5 gm, 430 mm x 340 mm stainless platform.

6E 1292 SARTORIUS electronic platform scale type F50S-X, 0 – 50.5kg x 1 gm, 425 x 335 mm stainless platform, Exd flameproof.

6E 618 NOVAREIGH electronic platform scale, 0 – 150 kg x 1 gm, remote FLP indicator unit, S/S platform 800 x 600mm, **unused**.

**FILTRATION EQUIPMENT**

**SIEVES & SIFTERS**

6F 3748 KEK GARDNER type K300C rotary powder sifter, 316L s/s, New in 2010 and remains UNUSED condition.

6F 2986 KEK KEMUTEC rotary sifter in stainless, flameproof drive

6F 2379 AZO model E360 PH in 316L S/S sifter. Auger/hopper fed. 120mm dia x 430mm long chamber with Polypropylene mesh.

**MIXERS**

**AGITATORS**

7A 2935 PREMIER pedestal mixer

7A 2825 Small SILVERSON homogeniser for mounting onto a small mixing vessel

7A 2584 PREMIER "Pilot" 2400M clamp on mixer. 0.37kw motor. 16mm dia x 465mm long S/S shaft with a 3 blade propellor.

**CHANGE PAN MIXERS**

7B 3782 HOBART model H600 heavy duty change pan mixer.

**PLOUGHSHARE MIXERS**

7C 3770 WINKWORTH type RT650 stainless steel ploughshare mixer, approx 1075 litre total capacity, 650-800 working capacity

7C 3769 WINKWORTH type RT650 stainless steel ploughshare mixer, approx 1075 litre total capacity, 650-800 working capacity

7C 3768 WINKWORTH type RT650 stainless steel ploughshare mixer, approx 1075 litre total capacity, 650-800 working capacity

7C 3767 WINKWORTH type RT650 stainless steel ploughshare mixer, approx 1075 litre total capacity, 650-800 working capacity

## **PUMPS**

### **CENTRIFUGAL PUMPS**

- 8A 3270 MIDLAND DAIRY type D3 4K, 316 S/S, 50mm RJT connections, 4kw drive. Brand new unused pump, still in packing case.
- 8A 3269 MIDLAND DAIRY type D3 4K, 316 S/S, 50mm RJT connections, 4kw drive. Brand new unused pump, still in packing case.
- 8A 2314 HILGE Hygia Super K I/306 in 316 S/S, 50mm dia ISS connections, 4kw 2900rpm shrouded motor

### **POSITIVE DISPLACEMENT PUMPS**

- 8B 3693 BLACKMER "MOUVEX" C4ICVT rotary positive displacement pump, s/s, 1999
- 8B 3692 BLACKMER "MOUVEX" C4ICVT rotary positive displacement pump, s/s, 1999
- 8B 3479 FRISTAM FL2 130S and 100S rotary lobe pump, st.stl construction
- 8B 3478 FRISTAM FL2 130S and 100S rotary lobe pump, st.stl construction
- 8B 3477 FRISTAM FL2 130S and 100S rotary lobe pump, st.stl construction
- 8B 3476 FRISTAM FL2 130S and 100S rotary lobe pump, st.stl construction
- 8B 3121 FRISTAM FLK25 S/S claw type pump for high pressure/suction viscous products, 300psi, 65/80mm dia RJT connections.
- 8B 3102 FRISTAM FLK25 S/S claw type pump for high pressure/suction viscous products, 300psi, 65/80mm dia RJT connections
- 8B 3101 FRISTAM FLK25 S/S claw type pump for high pressure/suction viscous products, 300psi, 65/80mm dia RJT connections
- 8B 3098 SSP T2 in 316 stainless, 50mm dia flanged inlet/outlet, 2kw drive + reduction gearbox.
- 8B 3097 SSP T2 in 316 stainless, 50mm dia flanged inlet/outlet, 2kw drive + reduction gearbox.
- 8B 3096 WAUKESHA size 25 in 316 S/S, 50mm dia ISS connections, 3hp motor + variable speed, S/S baseplate, ex food industry.
- 8B 3079 ALFA LAVAL NMOG/622, 316 S/S, 50mmdia connections, 5.5kw + variable speed, S/S baseplate, as new condition
- 8B 3078 ALFA LAVAL SX2/013/H, 316 S/S, 40mm dia connections, 0.37kw v/ speed 386-1480 rpm, S/S mobile base, UNUSED.
- 8B 3065 SSP AP100/BS, 25mm dia connections, 5 bar, 0.5kw drive, 282rpm pump speed.
- 8B 3064 SSP AP150/BS in stainless steel, 40mm dia RJT connections, 1.5kw drive, 611rpm pump speed.
- 8B 2982 SSP 100ND in stainless, pressure relief valve, 0.75kw drive, 25mm dia inlet/outlet.
- 8B 2950 MASO sine pump type SPS 2, 316 grade stainless, 50mm dia inlet/outlet connections, TRICLOVER hygienic fittings
- 8B 2714 MONO SJ500 1V Hygienic pump, 50mm dia inlet/discharge, 2hp, stainless, pump speed 200 – 900 rpm.
- 8B 2590 WAUKESHA 060 in stainless, 65mm dia connections, on a S/S baseplate, ex food industry.
- 8B 1921 MONO type SH60 D5 stainless pump ex food industry. 50mm dia flanged connections with valves. 3kw 1420 rpm 415v.
- 8B 1807 SSP rotary lobe pump type 100ND, ISS 1" connections. 1.4kw 415v 1400 rpm motor driving at 3:1 belt & pulley reduction.
- 8B 1568 SSP model 75ND. 0.5kw 415v. 30 psi stamped.
- 8B 1562 HOWARD type 1KL 2" rotary lobe pump. Stamped 2-600 kg/hr, head 10ft. 1hp motor 415v. Pump speed 210 rpm.
- 8B 1553 BLACKMER model 41 H2 internal gear pump. 316 stainless. 40mm flanged connections. Direct 920 rpm 0.75kw FLP motor.
- 8B 1227 SSP 130ND in S/S, 40mm dia ISS connections, 3hp belt & pulley drive.
- 8B 1153 SSP rotary lobe pump type AP100 CS8T, stamped 5 bar, 70°C, S/S mobile trolley, variable speed drive, 0.75 kw 3 phase

### **DOUBLE DIAPHRAGM PUMPS**

- 8C 3267 FLOTRONIC all stainless double diaphragm pump, 25mm inlet/outlet hygienic, connection ports, "one nut" easy strip.
- 8C 3206 DELLMECO DM40/315/ptt in solid white Polypropylene, Teflon wetted parts, 40mm dia connections.
- 8C 3200 SSP Aluminium double diaphragm pump, 30mm dia inlet/outlet connections.
- 8C 3104 SANDPIPER CSP 14 hygienic double diaphragm pump, 50mm connections.
- 8C 3103 DEPA DL40 in 316 stainless steel, 50mm dia RJT inlet/outlet connections.
- 8C 3005 SANDPIPER CSP 14 hygienic double diaphragm pump, 50mm connections
- 8C 2195 ALMATEC model AD 20 STT-E double diaphragm pump in 316 stainless. Teflon internal parts. 200mm dia threaded ports.
- 8C 2022 SANDPIPER model SB1 A stainless steel double diaphragm pump, 40mm dia screwed connections.
- 8C 1984 FLOTRONIC stainless steel 1" double diaphragm pump. Excellent condition
- 8C 1608 ITT MARLOW stainless steel 1" double diaphragm pump.



#### **VACUUM PUMPS**

- 8D 3161 BUSCH "Huckepack" once through lubricated vacuum pump type E2M12
- 8D 3111 EDWARDS oil sealed sliding vane rotary vacuum pump,
- 8D 3080 EDWARDS model E2M5 two stage sliding vane rotary vacuum pump, 5.6cu.m/hour, 7.5 x 10<sup>-4</sup> Torr. ultimate vacuum.
- 8D 3035 EDWARDS model E2M12 two stage sliding vane rotary vacuum pump, 14.3cu.m/hour, 7.5 x 10<sup>-4</sup> Torr. ultimate vacuum.

#### **PERISTALTIC PUMPS**

- 8E 3157 ISOMATIC peristaltic pump.
- 8E 3033 WATSON-MARLOW type 701
- 8E 2727 WATSON MARLOW type MG0626.
- 8E 2275 WATSON MARLOW peristaltic pump type 601U 100. 0-100v DC supply variable speed. Plastic cover guard damaged.
- 8E 1686 WATSON MARLOW peristaltic pump type 701P/R compressed air driven. Speed control.
- 8E 613 WATSON MARLOW peristaltic pump type 602U 165, 200 v - 250 v 50 / 60 Hz,

#### **AIR OPERATED & OTHER PUMPS**

- 8F 3783 KECOL drum pump.
- 8F 1679 REXSON drum pump mounted onto a mobile trolley.
- 8F 627 GRACO "MONARCH" air powered pump with dip pipe for barrel discharge

#### **LABORATORY EQUIPMENT**

- 9 3965 Carbolite Oven.
- 9 3942 Gallenkamp Oven.
- 9 2788 APV lab/development size mixer-granulator with polished finish 316 grade stainless steel product contact parts. 64 litre bowl
- 9 2724 SARTORIUS moisture analyser.

#### **UTILITIES**

- 10 3943 PCS mobile Vacuum Transfer unit.
- 10 3880 Quadro Vac 920 Vacuum transfer unit
- 10 3830 KTRON KVT35 feeder, twin screw feeder, inc vacuum system, Eexd FLP rated.
- 10 2964 TAWI Electrically operated (battery) work platform, 100kg max working capacity
- 10 2136 DERION model ALA 200 motorised rotary valve in carbon steel, galvanised internally. 200mm bore. 16 rpm Age1995.

#### **MISCELLANEOUS ITEMS**

- 11 3621 Thermosafe induction drum heaters, 5 available
- 11 3077 MUNTERS type MG110 de-humidifier, 1.2kw.
- 11 3074 MUNTERS type MCS300E de-humidifier in stainless steel, 2.1kw max.