

Flow electronics

LEADERS IN DIAMOND RECOVERY TECHNOLOGY

ESTABLISHED IN 1971

DESIGN AND MANUFACTURE

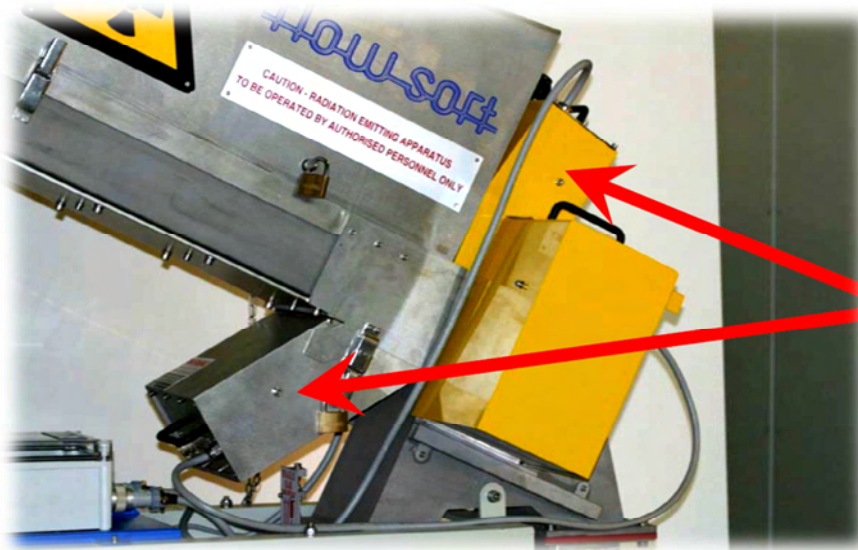
Flow-sort™

X-RAY DIAMOND RECOVERY EQUIPMENT

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DATE: 2008-09-06 UPDATE: 2012-04-12

DUAL OPTIC

TWO EYES SEE MORE THAN ONE!



- FLOW EMPLOYS A UNIQUE OPTICAL DIAMOND DETECTION SYSTEM. IN A FLOW SORT X-RAY SORTER, THE LUMINESCENT DIAMONDS ARE VIEWED FROM THE OPPOSITE SIDE AT WHICH THEY ARE EXPOSED TO X-RAY. (SA PAT. No. 94/3583)
- THIS CONCEPT HAS THE DISTINCT ADVANTAGE AGAINST OTHER SYSTEMS IN THAT IT CAN DISTINGUISH BETWEEN LUMINESCENT DIAMONDS FROM MOST OTHER LUMINESCENT MINERAL PARTICLES.
- A DUAL OPTIC, VIEWING DIAMONDS FROM TWO OPPOSITE SIDES, DOES NOT OFFER THE FULL ADVANTAGES EXPLAINED ABOVE BUT IT CAN DETECT DIAMONDS THAT ARE 'MASKED' BY OTHER FEED PARTICLES, DUE TO OVERFEEDING, DUE TO POOR MATERIAL SIZING ETC.
- FLOW WILL CARRY OUT THE NECESSARY MATERIAL ANALYSES TO CHECK THE SUITABILITY OF A DUAL OPTIC SYSTEM FOR YOUR SPECIFIC APPLICATION.
- FLOW'S DUAL OPTIC SYSTEM ESSENTIALLY FULFILS THE FUNCTION OF A DOUBLE STAGE SORTER BUT COSTS FAR LESS AND ONLY OCCUPIES THE SPACE OF A SINGLE STAGE SORTER!

NOTE: ALL FLOW SORT MACHINE MODELS "XR" CAN BE FITTED WITH OUR DUAL OPTIC SYSTEM. THIS UPGRADE CAN BE DONE 'ON-SITE'.