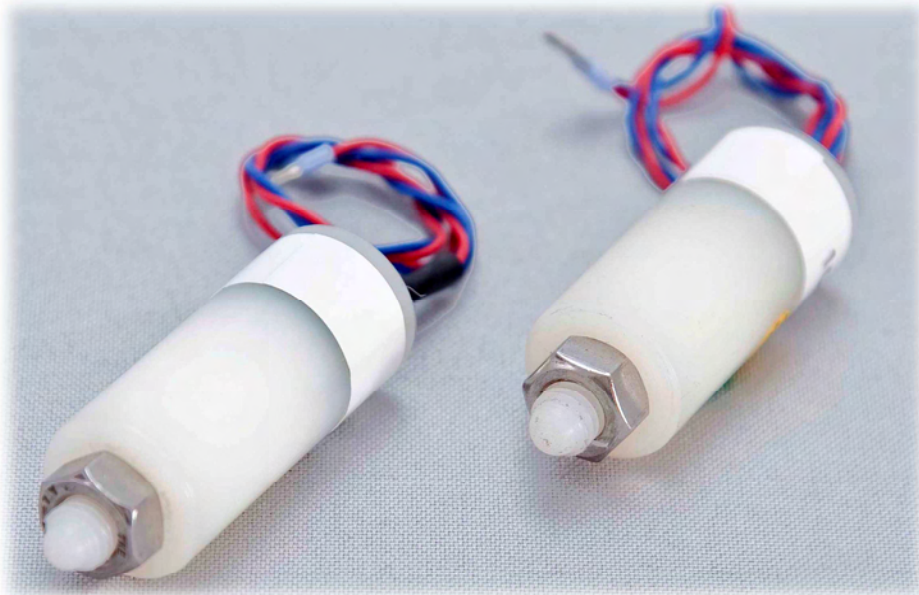


## EDS

### ELECTRONIC DIAMOND SIMULATOR



- FLOW'S EDS ACCURATELY SIMULATES THE VALUE OF X-RAY INDUCED LUMINESCENCE OF DIAMONDS.
- OUR EDS ARE CUSTOM APPLICATION CALIBRATED GIVING A SORTER'S OPTIC A PRECISE REFERENCE FOR THE LOWEST DIAMOND LUMINESCENCE LEVEL THAT A SORTERS IS EXPECTED TO RECOVER.
- CONTRARY TO LUMINESCENCE TRACERS WHICH OFTEN GET LOST, FLOW'S EDS CAN BE USED OVER AND OVER AGAIN.
- LUMINESCENCE TRACERS SHOW CONSIDERABLE VARIANCES IN THEIR LUMINESCENCE LEVEL (MANUFACTURING RELATED). SUCH VARIANCES ARE FURTHER AMPLIFIED AS TRACERS PASS THROUGH A SORTER IN DIFFERENT POSITIONS. EDS ARE NOT PRONE TO ANY OF THESE SHORT COMINGS BUT PROVIDE A PRECISE AND STABLE REFERENCE.
- EDS CAN BE ACCURATELY CALIBRATED TO SIMULATE ANY DIAMOND LUMINESCENCE LEVEL ALLOWING A SORTER TO BE SET UP TO EXACTLY THE RIGHT SENSITIVITY WHICH IS REQUIRED FOR A SPECIFIC SORTING CONDITION.
- **FLOW EDS CAN BE FITTED TO ANY FLOW SORT XR OR TSXR SORTER**