



PRACTICAL INNOVATION

Ziath

ZIATH™ TUBE ARRAYER

Product ID – ZTA-01



The Ziath Tube Arrayer is designed to assist scientists in transferring sets of sealed tubes from one or more source racks into one or more destination racks by guided positional illumination and barcode verification. Three separate reads of the barcodes are used to eliminate the chances of removal of incorrect tubes from source racks or the placing of tubes into incorrect positions in the destination racks.

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System Features

- Data input via GUI or work list file
- Tube transfer sequence speed controlled by operator via push button
- On-screen graphics denote sequence progress
- Backward indexing in cases of errors
- Audible alert to change source/dipsense racks when required
- Audible alert to indicate incorrect placement of tube
- CSV output log file cross-checks against original worksheet
- Tube transfer guided throughout process by software
- Current position in work list highlighted on screen

Output File Example

Work List Title	Example Work List								
Date	17/06/2010								
Operator	J.Smith								
Source Rack	S_row	S_col	Dest Rack	D_row	D_col	Tube Barcode	Date	Time	Status
S000001	A	1	D000001	D	1	1013589310	17/06/2010	11:47	Verified
S000001	A	2	D000001	E	1	1013589311	17/06/2010	11:47	Verified
S000001	A	3	D000001	F	1	1013589312	17/06/2010	11:47	Verified
S000001	A	4	D000001	G	1	1013589313	17/06/2010	11:47	Verified
S000001	A	5	D000001	H	1	1013589314	17/06/2010	11:47	Verified
S000002	B	1	D000001	B	1	1013589315	17/06/2010	11:47	Verified
S000002	B	2	D000001	B	2	1013589316	17/06/2010	11:47	Verified
S000002	B	3	D000001	B	3	1013589317	17/06/2010	11:47	Verified
S000002	B	4	D000001	B	4	1013589318	17/06/2010	11:47	Verified
S000002	B	5	D000001	B	5	1013589319	17/06/2010	11:47	ERROR
S000002	B	6	D000001	B	6	1013589320	17/06/2010	11:47	ERROR
S000002	B	7	D000001	B	7	1013589321	17/06/2010	11:47	Verified
S000002	B	8	D000001	B	8	1013589322	17/06/2010	11:47	Verified
S000002	B	9	D000001	B	9	1013589323	17/06/2010	11:47	Verified
S000002	B	10	D000001	B	10	1013589324	17/06/2010	11:48	ERROR
S000002	B	11	D000001	B	11	1013589325	17/06/2010	11:48	Verified
S000003	C	1	D000001	B	12	1013589326	17/06/2010	11:48	Verified
S000003	C	2	D000001	C	6	1013589327	17/06/2010	11:48	Verified
S000003	C	3	D000001	C	7	1013589328	17/06/2010	11:48	Verified
S000003	C	4	D000001	C	8	1013589329	17/06/2010	11:48	Verified
S000003	C	5	D000001	C	9	1013589330	17/06/2010	11:48	Verified
S000003	C	6	D000001	C	10	1013589331	17/06/2010	11:48	Verified
S000003	C	7	D000001	C	11	1013589332	17/06/2010	11:48	Verified
S000003	C	8	D000001	C	12	1013589333	17/06/2010	11:48	Verified
S000003	C	9	D000001	A	1	1013589334	17/06/2010	11:48	Verified

Minimum Hardware Requirements

- Pentium 4 processor
- 1Gb of RAM
- Windows XP SP 3 or later

For more information please contact Ziath Ltd.

www.ziath.com • sales@ziath.com

Tel +44 (0)1223 655577 • Fax +44 (0)1223 790069