JACOBY·TARBOX®
A PRODUCT OF CLARK-RELIANCE

Hygienic Sight Flow Indicators

Section: T100
Bulletin: T100.60
Date: 2/15
Supersedes: 10/13

Represented by Yates & Company, Inc. info@yatesco.net

Cleanability Matters

Achieve controlled intrusion meeting ASME-BPE's strictest requirements by employing
- **ASME** BPE dimensions and Design Principles
- Precision-Bore borosilicate glass
- Tightly tolerance EHEDG inspired O-ring capture

Maximize Production
- **Shorten cleaning cycles and prevent product loss**
- **Surpass your CIP & SIP requirements**

> ***"The Jacoby-Tarbox Hy-Sight has the best transition point I have ever seen, or felt, in a hygienic sight flow indicator."***
> ***- Lead System Designer***
> Major Hygienic Systems Packager

Jacoby-Tarbox
Hy-Sight™

Jacoby-Tarbox
Hy-Sight™ Full View

No-Gall Threads
- ACME threads
- Eliminate potential for cross-threading
- Easy maintenance

Positive Stop Design
- Eliminates over-compression of O-ring into tube bore
- No exposed threads to trap debris

Highest Pressure Rating
- Highest safety factor versus system design pressure
- Replace bulls-eye units improving cleanability while saving space and cost

Maximize Your View

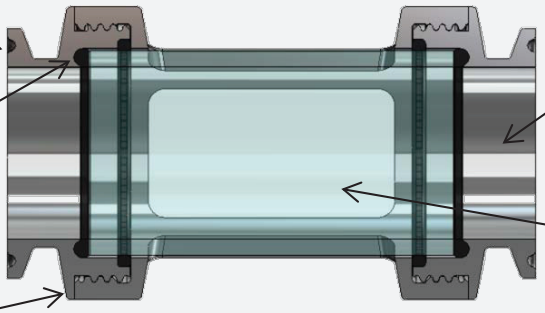
Hy-Sight
4 window design, *Largest* view of any slim, low-profile sight flow indicator
- **Provides maximum process visibility**
- **Superior view in any orientation**

Full View Hy-Sight
360° view design available in custom lengths
- **See from any position in the plant**
- **Observe unique, "must see" process conditions**

Hygienic Clamp Connections According to ASME-BPE

FDA and USP Class VI Compliant seals and locating O-rings

Individual components marked for full traceability



ASME BPE SF4 (15Ra µin Mechanical & Electropolished) wetted surface finish

Precision-Bore Borosilicate Glass with flame polished ends to improve surface finish and sealability

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Specify Your Unit

Model	Size	Wetted Metal	Head	Window	O-Ring

Model	Code
Hy-Sight (shown below)	THY-
Hy-Sight Full View	TFV-

Size	Code	Size	Code
1/4"	04	2"	18
3/8"	06	2-1/2'	20
1/2"	08	3"	22
3/4"	10	4"	24
1"	12	*6"	28
1"A	13	*8"	30
1 1/2"	16		

*6" & *8" Only Available In Full View

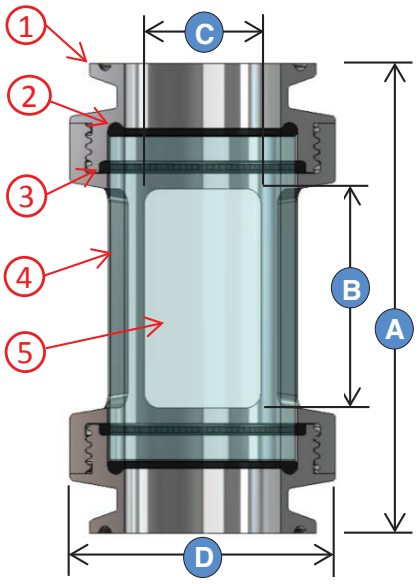
Head Material	Code
316L SS	6L
Hastelloy® C22	H2
Hastelloy® C276	H6
AL6XN®	6X

"Out-Of-Box" Compliant
USP U.S. Pharmacopeial Convention FDA

O-Ring Seal Material	Code
EPDM (302°F/150°C)	E
FKM (Viton®) (392°F/200°C)	V
Silicone, (392°F/200°C) Platinum Cured	S
FEP Encapsulated Silicone (392°F/200°C)	T
Special Material XG	XG

Window Material	Code
Annealed Boro (450°F/232°C)	A
Acrylic (Plexiglas®) (160°F/71°C)	P
Special Material	XW

Head Surface Finish	Code
15 Ra – Electropolished	F4
Special Finish	XF



Hy-Sight™

Item	Description	Qty
1	Head	1
2	Sealing O-Ring	2
3	Alignment O-Ring	2
4	Body	1
5	Window Cylinder	1

Size*	A (OAL)		B (View L)		C (View W)		D (Unit OD)		Weight		Pressure	
Tube OD	IN	mm	IN	mm	IN	mm	IN	mm	Lb	Kg	psi	Bar
1/4	2.6	65	0.5	12.6	0.2	6.0	0.9	24	0.33	0.15	300	21
3/8	2.6	65	0.5	11.7	0.4	9.0	0.9	24	0.40	0.18	300	21
1/2	3.0	76	0.9	21.9	0.4	10.0	1.2	30	0.47	0.21	300	21
3/4	3.4	87	1.2	32	0.6	14	1.5	37	0.58	0.26	250	17
1A	3.6	91	1.5	37	0.6	16	1.8	46	0.82	0.37	200	14
1	3.6	91	1.5	37	0.6	16	1.8	46	1.09	0.49	200	14
1 1/2	4.1	105	1.9	49	1.0	26	2.3	59	1.19	0.54	150	10
2	4.7	120	2.5	64	1.4	35	2.9	73	1.62	0.74	125	9
2 1/2	5.9	151	3.7	94	1.8	46	3.5	89	2.52	1.14	125	9
3	6.9	175	4.7	118	2.1	54	4.0	101	1.44	3.18	110	8
4	7.9	200	5.6	144	2.8	70	5.0	126	5.02	2.28	90	6

* Hygienic clamp dimensions are in accordance with ASME-BPE, shown in inches

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