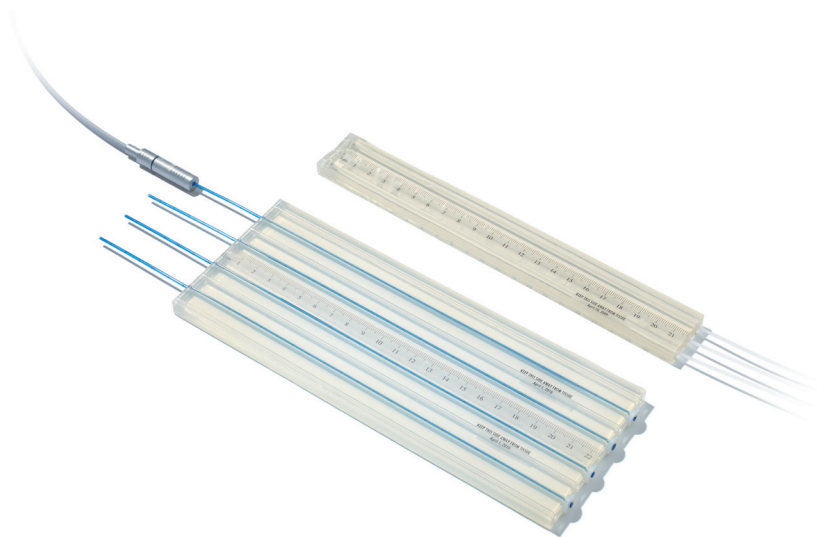


H.A.M. Applicators (Flabs)



Customized applicators for HDR intraoperative radiation therapy and treatment of superficial tumors.

Skin, Mucosa, Intraoperative

Various Treatment Sites

The Harrison Anderson Mick (H.A.M.) Applicators are used for the treatment of skin surface, mucosa and tumor bed/organ surface (intraoperative).

Flexibility

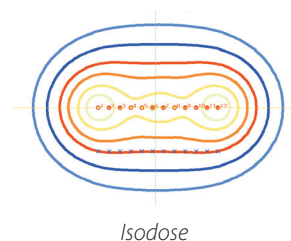
The H.A.M. Applicator consists of a flexible pad of silicone rubber that is 22.5 mm long and 8 mm thick. An array of catheters are embedded parallel to each other spaced 10 mm apart while a consistent source-to-tissue distance of 5 mm is maintained. It is also available in configurations that include embedded slots for additional flexibility/anatomic conformability. Because of its flexibility, the H.A.M. Applicator easily conforms to the shape of surfaces to which it is applied.

Customized Solution

H.A.M. Applicators are available in different sizes. Multiple numbers of channels from 3 up to 24 provide the desired treatment area coverage. The H.A.M. Applicators are for single use only.

Features

- Various treatment options
- Uniform dose distribution
- Customized sizes
- Each H.A.M. Applicator can be ordered also separately
- Single-use



Isodose



Easy Click Transfer Tube



Cutter for Flexible Catheter



Eckert & Ziegler

**Mick Radio-Nuclear
Instruments, Inc.**

An Eckert & Ziegler BEBIG Company

H.A.M. Applicators (Flabs)

Qty.	Item	Part number without embedded catheters	Part number without embedded catheters slotted	Part number GammaMed™* (XX = GM)*** VariSource™* (XX = VS)*** microSelectron®** (XX = MS)*** with embedded catheters	Part number GammaMed™* (XX = GM)*** VariSource™* (XX = VS)*** microSelectron®** (XX = MS)*** with embedded catheters slotted
1	Harrison Anderson Mick Applicator (H.A.M.) 1-channel, 1 x 22 x 0.8 cm	9102-01	9102-01-S	9102-XX-01	9102-XX-01-S
1	Harrison Anderson Mick Applicator (H.A.M.) 2-channels, 2 x 22 x 0.8 cm	9102-02	9102-02-S	9102-XX-02	9102-XX-02-S
1	Harrison Anderson Mick Applicator (H.A.M.) 3-channels, 3 x 22 x 0.8 cm	9102-03	9102-03-S	9102-XX-03	9102-XX-03-S
1	Harrison Anderson Mick Applicator (H.A.M.) 4-channels, 4 x 22 x 0.8 cm	9102-04	9102-04-S	9102-XX-04	9102-XX-04-S
1	Harrison Anderson Mick Applicator (H.A.M.) 5-channels, 5 x 22 x 0.8 cm	9102-05	9102-05-S	9102-XX-05	9102-XX-05-S
1	Harrison Anderson Mick Applicator (H.A.M.) 6-channels, 6 x 22 x 0.8 cm	9102-06	9102-06-S	9102-XX-06	9102-XX-06-S
1	Harrison Anderson Mick Applicator (H.A.M.) 7-channels, 7 x 22 x 0.8 cm	9102-07	9102-07-S	9102-XX-07	9102-XX-07-S
1	Harrison Anderson Mick Applicator (H.A.M.) 8-channels, 8 x 22 x 0.8 cm	9102-08	9102-08-S	9102-XX-08	9102-XX-08-S
1	Harrison Anderson Mick Applicator (H.A.M.) 9-channels, 9 x 22 x 0.8 cm	9102-09	9102-09-S	9102-XX-09	9102-XX-09-S
1	Harrison Anderson Mick Applicator (H.A.M.) 10-channels, 10 x 22 x 0.8 cm	9102-10	9102-10-S	9102-XX-10	9102-XX-10-S
1	Harrison Anderson Mick Applicator (H.A.M.) 11-channels, 11 x 22 x 0.8 cm	9102-11	9102-11-S	9102-XX-11	9102-XX-11-S
1	Harrison Anderson Mick Applicator (H.A.M.) 12-channels, 12 x 22 x 0.8 cm	9102-12	9102-12-S	9102-XX-12	9102-XX-12-S
1	Harrison Anderson Mick Applicator (H.A.M.) 13-channels, 13 x 22 x 0.8 cm	9102-13	9102-13-S	9102-XX-13	9102-XX-13-S
1	Harrison Anderson Mick Applicator (H.A.M.) 14-channels, 14 x 22 x 0.8 cm	9102-14	9102-14-S	9102-XX-14	9102-XX-14-S
1	Harrison Anderson Mick Applicator (H.A.M.) 15-channels, 15 x 22 x 0.8 cm	9102-15	9102-15-S	9102-XX-15	9102-XX-15-S
1	Harrison Anderson Mick Applicator (H.A.M.) 16-channels, 16 x 22 x 0.8 cm	9102-16	9102-16-S	9102-XX-16	9102-XX-16-S
1	Harrison Anderson Mick Applicator (H.A.M.) 17-channels, 17 x 22 x 0.8 cm	9102-17	9102-17-S	9102-XX-17	9102-XX-17-S
1	Harrison Anderson Mick Applicator (H.A.M.) 18-channels, 18 x 22 x 0.8 cm	9102-18	9102-18-S	9102-XX-18	9102-XX-18-S
1	Harrison Anderson Mick Applicator (H.A.M.) 19-channels, 19 x 22 x 0.8 cm	9102-19	9102-19-S	9102-XX-19	9102-XX-19-S
1	Harrison Anderson Mick Applicator (H.A.M.) 20-channels, 20 x 22 x 0.8 cm	9102-20	9102-20-S	9102-XX-20	9102-XX-20-S
1	Harrison Anderson Mick Applicator (H.A.M.) 21-channels, 21 x 22 x 0.8 cm	9102-21	9102-21-S	9102-XX-21	9102-XX-21-S
1	Harrison Anderson Mick Applicator (H.A.M.) 22-channels, 22 x 22 x 0.8 cm	9102-22	9102-22-S	9102-XX-22	9102-XX-22-S
1	Harrison Anderson Mick Applicator (H.A.M.) 23-channels, 23 x 22 x 0.8 cm	9102-23	9102-23-S	9102-XX-23	9102-XX-23-S
1	Harrison Anderson Mick Applicator (H.A.M.) 24-channels, 24 x 22 x 0.8 cm	9102-24	9102-24-S	9102-XX-24	9102-XX-24-S

H.A.M. Applicators (Flabs)

Required Items

9102-1 to 9102-24, 9102-01-S to 9102-24-S
for Eckert & Ziegler BEBIG afterloaders

Qty.	Item	Part number
1	Easy Click Transfer Tube, d=3 mm, L=1000 mm	LAG1000
20	Flexible Catheter Single Leader, D = 1.65 mm, L = 300 mm	LLA300-F
1	Cutter for Flexible Catheters	LAH06-01

Optional Items

9102-1 to 9102-24, 9102-01-S to 9102-24-S
for Eckert & Ziegler BEBIG afterloaders

Qty.	Item	Part number
1	Set of X-Ray Markers, L = 325 mm, Code = 01-20	SET0034
****	Fixation Balls, d = 1.6 mm, D = 7 mm, (10 pcs)	LLZ06-05
1	Opening Forceps for Fixation Balls	LAH05-02



Eckert & Ziegler BEBIG SagiNova® afterloader

* GammaMed and VariSource are trademarks of Varian Medical Systems, Inc.
** microSelectron is a registered trademark of NUCLETRON OPERATIONS B.V.
*** The applicator has been tested for mechanical compatibility with the indicated manufacturer's transfer tubes to confirm there are no internal source obstructions. Users are responsible for validating applicator compatibility, including treatment planning systems, with their afterloading equipment.
**** Depending on the numbers of channels to be used
Federal (USA) law restricts the sale of this device by or on order of a physician. For a complete listing of all indications, contraindications, precautions and warnings, please refer to the Instructions for Use which accompany each product.
Mick and SagiNova are registered trademarks of Eckert & Ziegler BEBIG GmbH and its subsidiaries.
The mentioned products are not available in all markets. Please contact your local Eckert & Ziegler BEBIG representative for more information.

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