2024 COMPANY SPOTLIGHT

MEDMIX PRECISE SOLUTIONS FOR BETTER DENTISTRY

Under the MIXPAC and transcodent brands, medmix provides a wide range of oneand two-component system solutions used to dispense, mix, and apply dental materials as well as high-quality dental injection and irrigation needles

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global leader in high-precision delivery devices, medmix occupies leading positions in healthcare sectors including dental, drug delivery, and surgery, as well as consumer and industrial end-markets. Customers of medmix benefit from a dedication to innovation and technological advancement that has resulted in over 900 active patents. Headquartered in Baar, Switzerland, with 13 production sites worldwide and a highly motivated and experienced team of over 1,900 employees, medmix provides its customers with uncompromising quality and agility.



The dental subdivision of medmix Healthcare consists of the MIXPAC and transcodent brands. MIXPAC provides a wide range of one- and two-component system solutions used to accurately mix, dispense, and apply different types of

dental materials for a variety of applications, while MIXPAC protective sleeves provide convenient, effective cartridge/

syringe protection during clinical use. The transcodent brand offers a range of high-quality sterile injection needles for anesthesia as well as needles for endo irrigation, evacuation, and paste applications.



transcodent: *Effective & Safe Delivery* PAINLESS STEEL INJECTION NEEDLES

The transcodent Painless Steel Injection Needles are designed for effective and safe delivery of anesthetic solution to ensure optimal patient comfort. The siliconized

cannula with 3-edge lancet grinding provides smooth entry, which minimizes pain and discomfort to the patient. The hub bevel mark facilitates orientation of the bevel, and the threaded hub ensures easy and safe handling.

FLEXIBLE STEEL IRRIGATION NEEDLES

The double-sided vent irrigation needles with Luer Lock increase the safety and efficacy of endodontic irrigation. The full working length can be easily achieved and effectively



irrigated, even in curved root canals. The closed, rounded tip with double lateral vents minimizes the risk of needle binding and wedging in the root canals, trauma to soft and hard tissue, and extrusion of the irrigation solution beyond apical foramen. The thin-walled cannula provides an improved flow rate for optimal flushing effect and is bendable for increased flexibility and improved access.



SUCTION NEEDLES WITH HANDPIECE

Recommended for use with the transcodent Luer Lock Handpiece, the Suction Needles



with Luer Lock thread are designed for effective suction in areas with difficult access, such as root canals or in a surgical site during oral surgery. The bendable, thin-wall, thin-annealed steel cannula enhances the field of view and accessibility, and the rounded tip minimizes trauma to soft and hard tissue.

MIXPAC: Exceptional Efficiency PROTECTIVE SLEEVES

MIXPAC Protective Sleeves provide convenient and effective barrier protection of multiuse application systems to protect the dentist, staff, and patient against infectious disease during clinical use. The disposable, single-use, transparent sleeves feature a snug, conformed fit and slide easily over the syringe, plunger, or cartridge system with a precut opening for the mixing tip.

T-MIXER Enabling 40% less material waste, the T-Mixer revolutionizes the principle of static mixing, thanks to the latest mixing geometry. The individual molecules are distributed more homogeneously to achieve perfect material reactivity. The

achieve perfect material reactivity. The shorter mixing tips meet daily requirements in precise applications. The T-Mixer is available in different diameters for diverse applications.

T-MIXER COLIBRI

The T-Mixer Colibri features a smoothly rounded, stainless-steel cannula that is bendable and rotatable for easy access to difficult areas. It ensures a constant flow of material, and does not require an additional intraoral tip. The T-Mixer Colibri is for use in reconstruction with root post, core buildup, cementation of root post and post-core, bulk filling, and base/liner.

T-MIXER COLIBRI PLUS BREAKABLE

T-Mixer Colibri Plus Breakable is an all-in-one solution, with one mixing tip for 4 indications: impression of root canal, impression taking of preparations and cavities, core buildup, and cementation of root post.

DISPENSER

MIXPAC Dispensers help facilitate dispensing and application of high-viscosity dental materials by lowering the extrusion force compared to standard plunger and cartridge application systems. The ergonomic design provides comfortable, fatigue-free dispensing for precise intraoral application. The robust, durable material enables strong mechanical performance after sterilization using an autoclave.

FOR MORE INFORMATION:

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NEW INNOVATIONS FROM MEDMIX

The newest addition to medmix's transcodent line of injection, irrigation, and suction needles is **transcodent Endo Evacuation Needles** with Luer lock, which are designed with 4 laser markings to reduce trauma to the apex while providing effective suctioning in difficult access areas. The thin-walled needle is remarkably flexible, ensuring efficient irrigation—even in curved root canals.

ZerofloX is a new micro applicator that features a precise, soft, and pliable head with injection molded, flock-free elastomer bristles. Without the use of adhesively fixed fiber flocking, the bristles remain intact on the head for a contamination-free surface. Offered in a convenient universal size, it is indicated for a variety of dental applications.