

Featuring a standard Bayonet connection, the Series 190 mixer style is used on 9mL or 50mL two-component cartridges offered by major adhesive manufacturers. Typical applications include mixing epoxies, urethanes, acrylics, and silicones.

The Series 190 has five diameters available with four outlet styles: Slip Luer, Full Bore, H-Tapered, and Stepped. The Slip Luer is our standard offering. The Full Bore ensures maximum flow with minimal back pressure. The H-Tapered outlet is offered where precise placement of the adhesives is required. In order to connect Luer Needles or extensions, it is molded with a new interlocking connection. This also permits the attachment of an optional Luer Lok Adapter (Locking Hub—Part No. 160-HUB) which must be ordered separately.

Options:

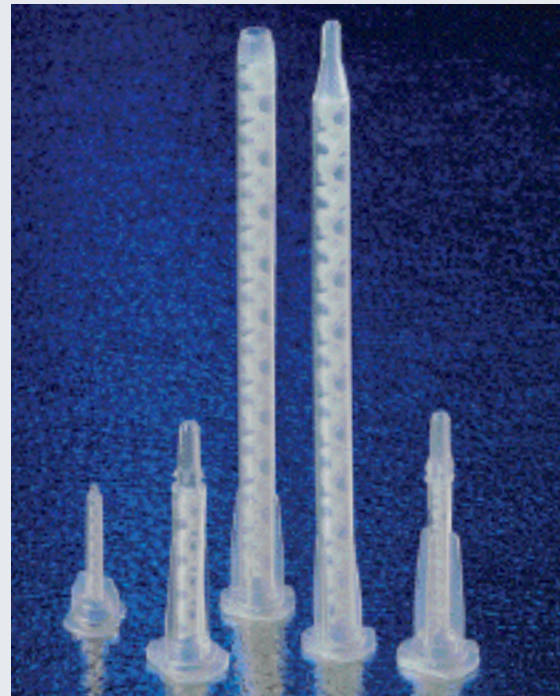
- ▶ Series 190 Spiral Mixer
- ▶ Series 190 Dental Mixer

Specification

- ▶ **Elements:** Acetal
- ▶ **Housing:** Polypropylene

Series 190 Dental Mixer Accessories

- ▶ Series 190 Dental Mixer Intra-Oral Tip
- ▶ Dispenser
- ▶ Luer Lok Adapter (Locking Hub)
- ▶ Luer Needle



SERIES 190 SPIRAL BAYONET MIXERS					
PART NO.	MIXING ELEMENTS	ELEMENT DIA. (INCH / MM)	ELEMENT LENGTH (INCH / CM)	HOUSING OUTLET	RETAINED VOLUME (ML)
190-208	8	0.093 / 2.36	1.1 / 2.8	Slip Luer	0.07
190-212	12	0.093 / 2.36	1.5 / 3.8	Slip Luer	0.10
190-312H	12	0.125 / 3.18	2.1 / 5.3	H Tapered	0.20
190-324H	24	0.125 / 3.18	3.4 / 8.6	H Tapered	0.40
190-408H	8	0.187 / 4.75	2.1 / 5.3	H Tapered	0.40
190-408BT	8	0.187 / 4.75	1.6 / 4.1	Full Bore	0.40
190-416	16	0.187 / 4.75	3.4 / 8.6	Slip Luer	0.90
190-416H	16	0.187 / 4.75	3.4 / 8.6	H Tapered	0.90
190-416BT	16	0.187 / 4.75	2.9 / 7.4	Full Bore	0.80
190-507	7	0.213 / 5.40	2.3 / 5.8	Slip Luer	0.90
190-517	17	0.213 / 5.40	4.4 / 11.2	Slip Luer	1.90
190-521	21	0.213 / 5.40	5.3 / 13.5	Slip Luer	2.40
190-521-01	21	0.213 / 5.40	5.3 / 13.5	Stepped	2.40
190-612	12	0.250 / 6.35	3.9 / 9.9	Slip Luer	1.90
190-612H	12	0.250 / 6.35	3.9 / 9.9	H Tapered	1.90
190-612D	12	0.250 / 6.35	3.3 / 8.4	Full Bore	1.80
190-616-01	16	0.250 / 6.35	4.8 / 12.2	Stepped	2.50
190-620	20	0.250 / 6.35	5.9 / 15.0	Slip Luer	3.00
190-620-01	20	0.250 / 6.35	5.9 / 15.0	Stepped	3.00
190-620H	20	0.250 / 6.35	5.9 / 15.0	H Tapered	3.00
190-620BT	20	0.250 / 6.35	5.3 / 13.5	Full Bore	2.80

SERIES 190 DENTAL MIXERS					
PART NO.	MIXING ELEMENTS	ELEMENT DIA. (INCH / MM)	HOUSING LENGTH (INCH / CM)	RETAINED VOLUME (ML)	COLOR
190-513D	13	0.220 / 5.588	3.330 / 8.46	1.6	Yellow
190-513D-01	13	0.220 / 5.588	3.330 / 8.46	1.6	White
190-612D	12	0.250 / 6.350	3.480 / 8.84	2.5	White
190-612D-01	12	0.250 / 6.350	3.480 / 8.84	2.5	Blue
190-712D	12	0.295 / 7.493	3.461 / 8.79	2.8	Purple

INTRA-ORAL TIPS			
PART NO.	ID OF OUTLET (INCH / MM)	ID OF INLET (INCH / MM)	LENGTH (INCH / CM)
190-TIP	0.035 / 0.889	0.114 / 2.896	1.17 / 2.97