

***Patients
are willing to pay
for less pain!***



E-FLOW

Dental anesthesia delivery system

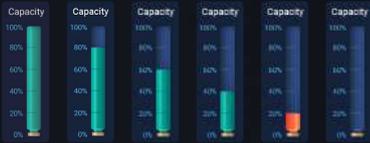
Patent number "ZL 2022 1 0413056.4"

Patented Hydraulic Drive Technology

Painless Treatment



*High-precision sensor is used for more precise control, the injection pressure is just hydraulic pressure

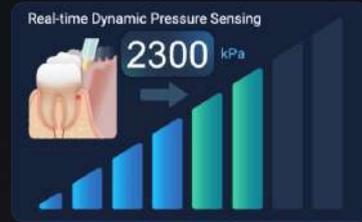


High-precision Liquid Control

While achieving precise drug delivery accuracy, you can also see the real-time remaining dose

Real-time Dynamic Pressure

(The value is only displayed in PDL mode.)



Reflecting the injection pressure based on the value and dynamic bar graph, of which dentists can adjust the operation to bring a painless and safe treatment



4.3 " Touch Screen

Thoughtful Training Mode



Provide additional voice reminders not available in the standard mode, help users quickly learn the proper operation
Automatically recalls the last used injection mode, aligning better with daily workflows



Smart Voice Reminder

	80%	One beep
	60%	Two beeps
	40%	Three beeps
	20%	Low cartridge
	0%	Empty cartridge

If the pressure is too high, the device will automatically activate a voice prompt in PDL mode
Beep sounds for each increase in pressure level to enhance control and safety

4 injection modes, multiple options for effective pain relief

Low-speed auto-injection added to Normal and Dosage modes, freeing the dentist's hands for greater efficiency



Normal

0.3ml/min
or 1.7ml/min



Fast

1.7ml/min
or 3.5ml/min



PDL

0.3ml/min



Dosage

0.3ml/min
or 1.7ml/min



PDL Mode (periodontal ligament)

Powerful hydraulic injection improves PDL success rate
CCLAD tech adjusts injection speed based on local tissue pressure, which enables more precise injection and reduces discomfort

Dosage Mode

Free choice of injection dose,
making the injection more stable and precise



HANDPIECE



Autoclavable Container

Prevent cross-infection, safe and economical

Auto Aspiration for Safer Treatment

Accurate identification of injection site reduces the risk of nerve block complications
Intelligent aspiration before needle removal prevents pressure buildup, swelling and pain

Lighter and Smaller Handpiece

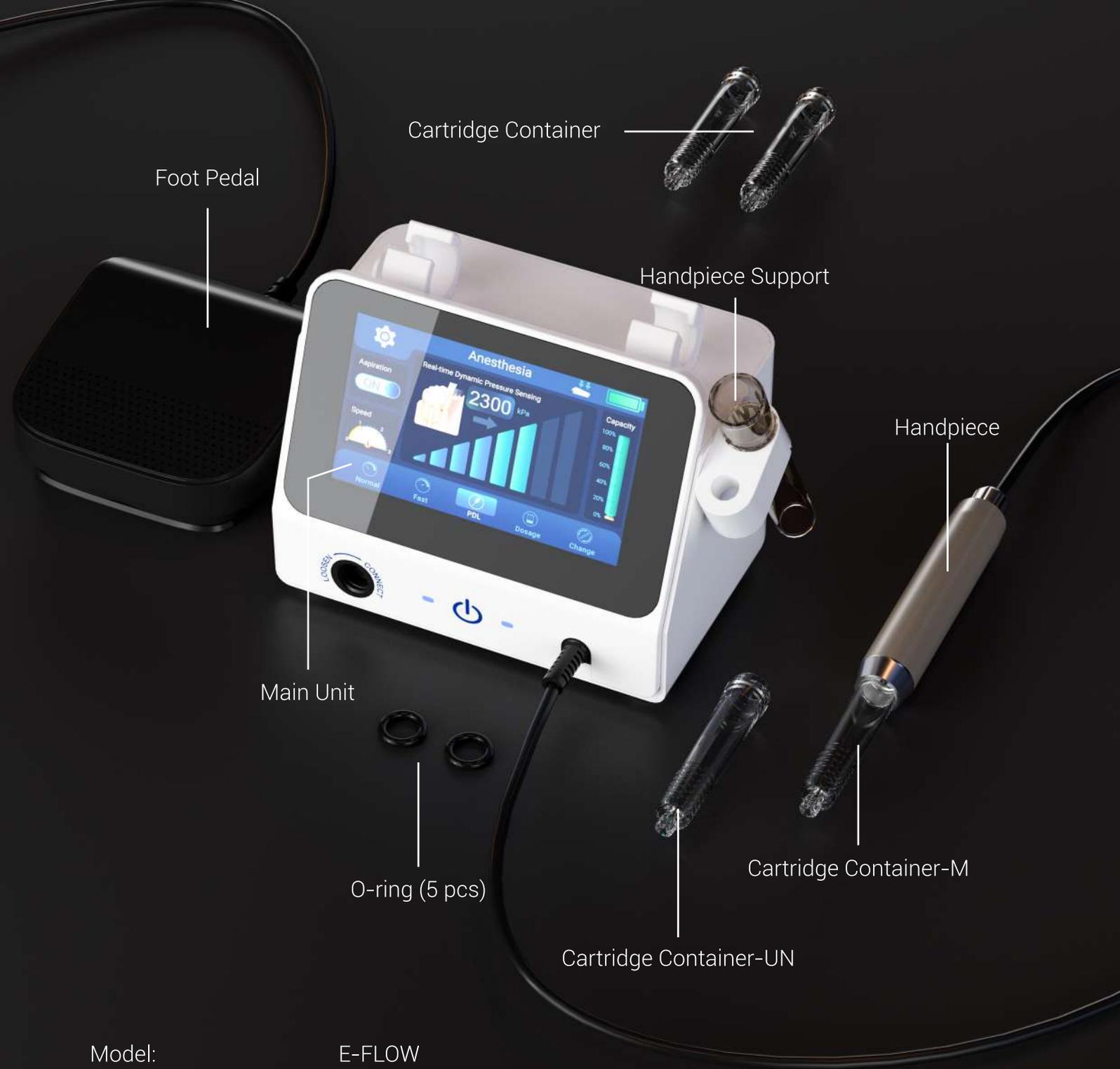
Weighs just 40g for effortless handling
Slim, soft 3.4 mm-diameter cable for easy storage

Intelligent Foot Pedal Control

Visual pop-up shows foot pedal status in real time
Light or firm press auto-switches injection speed



FOOT PEDAL



Foot Pedal

Cartridge Container

Handpiece Support

Handpiece

Main Unit

O-ring (5 pcs)

Cartridge Container-M

Cartridge Container-UN

Model:	E-FLOW
Weight:	1.8kg±10%
Handpiece weight:	40g
Injection mode:	Normal, Fast, PDL, Dosage
Injection speed:	Slow (0.3ml/min) Medium (1.7ml/min) Fast (3.5ml/min)
Battery capacity:	2600mAh

SPECIFICATIONS